The Construction of a Database of Pacific Herring Catches Recorded in British Columbia from 1888 to 1950

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Nanaimo, B. C.
V9R 5K6

2001

Canadian Technical Report of Fisheries and Aquatic Sciences 2368

Fisheries and Oceans Canada | Pêches et Océans Canada
Science | Sciences

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Canadian Technical Report of
Fisheries and Aquatic Sciences

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By the Minister of Fisheries and Oceans.

Cat. No. Fs 97-6/2368E ISSN 0706-6457

Correct citation for this publicaton:

Daniel, K. S., P. B. McCarter, and D. E. Hay. 2001. The construction of a database of Pacific herring catches recorded in British Columbia from 1888 to 1950. Can. Tech. Rep. Fish. Aquat. Sci. 2368: 108 p.

ABSTRACT

Daniel, K. S., P. B. McCarter, and D. E. Hay. 2001. The construction of a database of Pacific herring catches recorded in British Columbia from 1888 to 1950. Can. Tech. Rep. Fish. Aquat. Sci. 2368: 108 p.

This report describes the methods used to construct a computer database for Pacific herring (*Clupea pallasi*) catches in British Columbia from 1888-1950. This database complements the current computer database of herring catches, used for British Columbia herring stock assessments, that begins in October, 1950. Herring catch records between 1888 and 1950 have been published in several documents but previously have not been entered into a single electronic database. Many of these pre-1950 catch records have varying degrees of geographic and temporal precision and this presents some complications for their inclusion in the current 1951-1996 database. This report lists some of the procedures and decisions that were taken to achieve this objective. The 1888-1950 portion of the herring catch database was constructed from several sources in the literature: (1) Annual Reports of the Department of Fisheries (Canada Dept. of Fisheries 1888-1893), (2) Annual Reports of the Department of Marine and Fisheries (Canada Dept. of Marine and Fisheries 1894-1914), (3) Annual Reports of the Fisheries Branch (Canada Dept. of Naval Service, Fisheries Branch 1915-1917), (4) Fisheries Statistics of Canada: British Columbia (Dominion Bureau of Statistics 1919-1933), and (5) several manuscript reports and bulletins (Tester 1934-1945, Isaacson 1945-1950, and Taylor 1964).

RÉSUMÉ

Daniel, K. S., P. B. McCarter, and D. E. Hay. 2001. The construction of a database of Pacific herring catches recorded in British Columbia from 1888 to 1950. Can. Tech. Rep. Fish. Aquat. Sci. 2368: 108 p.

Ce compte rendu décrit les méthodes employées pour construire une base de données informatisée sur les captures de hareng (*Clupea pallasi*) effectuées en Colombie-Britannique au cours de la période comprise entre 1888 et 1950. Cette base sera un complément utile à la base actuellement utilisée pour l'évaluation des stocks de hareng, instituée en octobre 1950. Les chiffres de capture pour la période comprise entre 1888 et 1950 ont été publiés dans plusieurs documents mais n'ont jamais été inscrits dans une base électronique. Les statistiques antérieures à 1950 ont divers degrés de précision géographique et temporelle, ce qui complique leur intégration dans la base de 1950-1996. Ce compte rendu décrit certaines des procédures et des décisions qui ont été prises pour atteindre cet objectif. Le segment de la base qui concerne la période comprise entre 1888 et 1950 a été constitué à partie de plusieurs sources : 1) Rapports annuels du ministère des Pêches et des Océans du Canada pour la période comprise entre 1888 et 1893; 2) Rapports annuels du Department of Marine and Fisheries pour la période comprise entre 1894 et 1914; 3) Rapports annuels de la Direction des pêches (Canada Dept. of Naval Service) pour la période comprise entre 1915 et 1917; 4. Statistiques des pêches du Canada : Colombie-Britannique (Dominion Bureau of Statistics) pour la période comprise entre 1919 et 1933; 5) rapports manuscrits et bulletins établis par Tester 1934-1945, Isaacson 1945-1950 et Taylor 1964).

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INTRODUCTION

This report describes the methods and problems concerned with the construction of a computer database for British Columbia herring catches from 1888 to 1950. Post-1950 herring catch records have been entered into a working database and are utilized in annual herring stock assessments and forecasts. These catch data have been described in several reports for the 1950-1951 to 1969-1970 fishing seasons (Hourston and Isaacson 1972) and the 1970-1971 to 1979-1980 fishing seasons (Hourston 1981). More recent data are presented in annual stock assessment documents (Schweigert et al. 1998). Herring catch records between 1888 and 1950 have been published in several documents but have never been entered into an electronic database. These early catch records include: (1) Annual Reports of the Department of Fisheries (Canada Dept. of Fisheries 1888-1893), (2) Annual Reports of the Department of Marine and Fisheries (Canada Dept. of Marine and Fisheries 1894-1914), (3) Annual Reports of the Fisheries Branch (Canada Dept. of Naval Service, Fisheries Branch 1915-1917), (4) Fisheries Statistics of Canada: British Columbia (Dominion Bureau of Statistics 1919-1933), and (5) several manuscript reports and bulletins (Tester 1934-1945, Isaacson 1945-1950, and Taylor 1964).

Most of these early (pre-1950) publications provide catch summations that have less geographic and temporal precision than post-1950 records. These catch records, however, can provide "regional" and sometimes, "statistical area" summations if combined appropriately with the present herring catch database. This information may be useful for a number of purposes, but a specific benefit of including historical catch records in the present database is the extension of mapping capability back into this early period. Construction of this database facilitates mapping of all recorded herring catches from 1888 to the present. Herring catch records can also be mapped in context with other databases including herring tag releases and recoveries, 1936 to 1992 (Daniel et al. 1999) and herring spawn abundance and distribution, 1928 to present (Hay et al. 1989).

DATABASE STRUCTURE: DEFINITIONS OF FIELDS AND CODING CONVENTIONS

A compiled herring catch database for the years 1888 to 1950 is shown in Appendix Table 1. This database was designed to be compatible with an existing database of post-1950 herring catches. Similar fields and coding conventions were used. The first field, 'Season', identified the catch season and was designated as a 5-digit number (i.e. 19334 = 1933-1934 fishing season). The season ran from June of one year to mid-March of the following year; however, most herring were caught from October to February (Taylor 1964). Post-1950 herring records have defined the fish season from July 1 to June 30. Herring catch reports prior to 1933 summed catches by calendar or fiscal year rather than by fishing season. The second field in the database identified the catch 'Year'. The first year of a fishing season (June to mid-March) was entered for all 1933 to 1950 catches (i.e. 1933 was entered into the database for catches made during the 1933-1934 season). The first year of a fiscal year (April 1 to March 31) was entered for all 1909 to 1916 catches (i.e. 1909 was entered into the database for catches made during the 1909-1910 fiscal year). The calendar year was entered in the 'Year' field for all catches recorded

in 1888 to 1908 and 1917 to 1932. Fields 3 and 4, 'Month' and 'Day' recorded the month and day of catches, but this data was available only in 'Pilot House Records' (Tester 1934-1944 and Isaacson 1945-1950) and is shown in Appendix Table 2. The weekly catch records during that time were based on a six-day week, where fishermen fished only half days on weekends. Therefore catch dates in the database were rounded to mid-week dates (the fourth day of the week). However, not all fishing weeks were based on a six-day week. If a five-day fishing week occurred, the third day of the week would be entered into the database. Field 5, 'Position', indicated the geographic precision of catches. An exact or single range of fishing locations was indicated by a "1" and a multiple range of locations and/or statistical areas was indicated by a "9". Field 6, 'LocCode', is a four-digit code, documented by Haist and Rosenfeld (1988), that lists all British Columbia "herring locations" and their "location codes". This location coding system facilitates aggregation into 3 larger geographic groupings (herring sections, statistical areas, and stock assessment regions) and is used extensively in other working databases (i.e. herring biosampling, herring spawn distribution and abundance, and herring tag releases and recoveries). Location codes can also be linked to a set of latitude and longitude co-ordinates for each centroid position of each geographic grouping. Field 7, 'Gear', consisted of a two-digit code which indicated the fishing gear (where: 19=gillnet, 29=herring seine, 20=salmon seine, 21=other seine, 70=beach seine, 50=other trawl, 59=herring trawl, and 01=other gear type). Field 8, 'Catch', recorded herring catch in metric tons. Field 9, 'Disposal', consisted of a single digit code that referred to the manner in which herring were processed (where: 1=reduction, 2=spawn on kelp, 3=bait, 4=fresh fish, 5=bait pond, 6=food fish, and 7=roe). Field 10, 'AreaName', described the fishing locations, using geographical terms of the day. The AreaName should not be confused with the current location naming and coding system. The AreaName field preserves a record of the original citation.

ESTIMATING THE GEOGRAPHIC PRECISION OF CATCHES

Herring catches from 1888 to 1932 were often recorded in geographical ranges along the British Columbia coast, often spanning over several statistical areas (Sources: Canada Dept. of Fisheries 1888-1893; Canada Dept. of Marine and Fisheries 1894-1914; Canada Dept. of Naval Service, Fisheries Branch 1915-1916; and the Dominion Bureau of Statistics 1919-1933). A typical example of a single catch record from this literature would be "Cape Scott VI to Comox River" (Statistical Areas 27 and 12-14). Herring catches from 1933 to 1950, however, (Tester 1934-1945 and Isaacson 1945-1950) were often recorded with greater geographic precision, such as "Deepwater Bay" in Statistical Area 13 or "Barkley Sound" in Statistical Area 23. This higher geographic precision facilitated database entry at the statistical area, "herring section", or sometimes even the "herring location" geographic precision level. Variable level geographic codes were consequently used in the 'LocCode' field of the herring catch database for the years 1888 to 1950. Most herring catches since 1951 have been recorded at the "herring location" (most precise) geographic level (Haist and Rosenfeld 1988). Figures 1-6 show maps of the 6 regions, 30 statistical areas and 108 sections currently in use.

DATA SOURCES AND ENTRY PROCEDURES

Data were entered into 4 separate worksheets corresponding to 4 separate year periods and data sources: (1) 1888-1916 (Canada Dept. of Fisheries 1888-1893, Canada Dept. of Marine and Fisheries 1894-1914, and Canada Dept. of Naval Service, Fisheries Branch 1915-1917), (2) 1917-1932 (Dominion Bureau of Statistics 1917-1932), (3) 1933-1944 (Tester 1945) and (4) 1945-1950 (Isaacson 1945-1950). An additional worksheet was created for the 1933-1950 'Pilot House Records' (Tester 1934-1944 and Isaacson 1945-1950). 'Pilot House Records' comprised a more geographically detailed subset of the 1933-1950 herring catch data, but the cumulative catches of 'Pilot House Records' were considered incomplete, compared to those compiled from landing slips. 'Pilot House Records' (Appendix Table 2) were, therefore, not included in the combined catch database. The four other contiguous worksheets were subsequently concatenated chronologically (1888 to 1950) into a single worksheet and all catches (originally entered in short tons) were converted to metric tons. Multiple herring catch entries (indicated by Field 5, Position = 9) were reduced to single row entries so that catches would sum or table correctly by regional level location codes (Field 6). Regional level location codes, with the least geographic precision, were sometimes assigned when geographic ranges were broad and could not be confined to single statistical areas. Every attempt was made to maintain geographic precision, but occasionally some precision was compromised. The statistical areas with the majority of catch were sometimes entered into the database even though small portions of the catch were caught just across boundary lines in adjacent statistical areas. The combined worksheet of all 1888 to 1950 herring catches (in metric tons) without multiple entries is shown in Appendix Table 1.

DATABASE SOURCE: CRITERIA AND RECONCILATION OF DIFFERENCES

The most definitive source for all 1888-1950 herring catches entered into the database is Appendix Table 2 in Taylor (1964). Taylor's (1964) bulletin provided an "official" catch per herring population from 1888 to 1962. This official catch was "the catch in tons as furnished from records of the Department of Fisheries" (Tester 1939). Taylor (1964) listed all catches in British Columbia by "Districts" or "Statistical Areas" to the nearest ten short tons. These catch summaries were compared with several earlier publications and the results of these investigations are described chronologically.

1888-1916 Herring Catch Data

Three reports series (Canada Dept. of Fisheries 1888-1893, Canada Dept. of Marine and Fisheries 1894-1914, and Canada Dept. of Naval Service, Fisheries Branch 1915-1916) published catch tables for each province of Canada with catch weights given for the entire province or by 3 districts in British Columbia. "District 1" comprised of Statistical Areas 28 and 29. "District 2" represented the northern half of the province corresponding approximately to Statistical Areas 1 through 10. "District 3" comprised the southern half of the province corresponding approximately to Statistical Areas 11 through 27. For each province, a recapitulation table was also included showing the total catch for each species (a breakdown by

fishing area was not shown). These tables were used to corroborate catches from other tables listed as "marketed" or "caught and landed green" for the different districts or fishing areas. We have interpreted green as the total unprocessed catch and marketed as the processed catch (i.e. smoked). Marketed catches can be equal to or less than the weight of corresponding green state catches.

In most cases the total green state catches were listed for the entire province rather than by individual areas. Tables that listed marketed catch totals were entered in the database for the period 1888 to 1910 only because they were more geographically precise. Between 1911 and 1916, all catches were broken down by both green state and market catch. Since catch weights were higher for green state, these values were entered into the database.

Catches from 1888 to 1909-1910 were recorded in marketed pounds and those from 1910-1911 to 1916-1917 were recorded in Cwt's or hundredth weight (1 Cwt = 1/20 short ton or 100 lbs.). All catches recorded from 1888-1916 were subsequently converted to short tons in order to facilitate comparison with Taylor's (1964) catch summaries. For example, a catch recorded as 100 Cwt would be converted to 5 short tons and a catch recorded as 100 pounds of smoked herring would be converted to 200 pounds (or 0.1 ton) of fresh herring. Table 1 shows a complete list of conversions used to create the database (Tester 1935b, Dominion Bureau of Statistics 1938 and Taylor 1964). Data conversion from pounds or Cwt's to short tons generated 'decimal place' catches that Taylor (1964) appeared to have rounded to the nearest ten short tons.

1917-1932 Herring Catch Data

Herring catch records between 1917 and 1932 were listed in tables that showed total herring captured per calendar year for various fishing areas and marketing methods (Dominion Bureau of Statistics 1919-1933). Since the marketed totals were less than the landed totals only the landed totals were used in the database. The landed totals were in Cwt or hundredth weight (1/20 short ton) and were converted to short tons in the database.

1933-1950 Herring Catch Data

Three main sources were used to compile the database for the 1933-1934 to the 1949-1950 fishing seasons. A series of manuscript reports by Tester (1945), Isaacson (1945-1950), and "Pilot House Records" (Tester 1934-1944 and Isaacson 1945-1950). Pilot House Records were "the estimated catch in tons furnished by those seine boat captains who have compiled records" (Tester 1939). Herring catch summations of Pilot House Records were often less than those documented in official Department of Fisheries reports based on landing slips. Table 2 in Tester (1945) shows official herring catches for the fishing seasons, 1933-1934 to 1943-1944, that closely match Taylor (1964), and Table 1 in Isaacson (1945-1950) shows gross catch statistics for each fishing season that exactly match those of Taylor (1964).

"Recorded" or daily catch tables provided weekly totals and total catch per seine boat for the fishing season for each statistical area (compiled from Pilot House Records). The text portion of each manuscript report was examined in order to determine exactly where these

fish were caught within statistical areas. For example, the 1937-1938 Statistical Area 23 fishery occurred (in order of decreasing landings) in Middle Channel, Effingham Inlet, Rainy Bay, Sunshine Bay, Uchucklesit Inlet, Vernon Bay, and Useless Inlet (Tester 1938). Bait, trawl, pilchard fishery, and other catches that were made after the herring season had closed were not listed in tables, but were documented in the text and transcribed to the database. "Plant records" reported in the manuscript reports were sometimes used in the database when daily records were absent for some statistical areas. For example, daily records were absent in Statistical Area 9, however, plant records reported that catches were made in Moses Inlet (Isaacson 1945). It should also be noted that east coast Vancouver Island (ECVI) fishery catches were recorded by 'single' and 'double' seine gear configurations in manuscript reports (Tester 1939-1942). These 'gear type' catch distinctions were not transcribed into the database.

The working database contains a field called 'Disposal' (defined in the Database Structure section of this report) and it was assumed that most herring catches recorded in Pilot House Records (Tester 1934-1944 and Isaacson 1945-1950) were reduced to fish meal such that the disposal type was designated as "reduction". However, there were a few cases where several disposal types were listed in the reports and the disposal field was left blank in these cases. For example, during the 1937-1938 fishery (Tester 1938) herring was supplied to salteries, reduction plants, kippering houses, and the fresh fish market. 'Double gear' seine herring catches were shipped to salteries and reduction plants during the 1938-1939 season (Tester 1939) while 'single gear' seine catches were canned or reduced during the same season. During the 1939-1940 ECVI fishery (Tester 1940) the herring were either canned, dry salted or reduced. All herring caught along the lower ECVI were canned except in cases where herring were in poor condition during the 1941-1942 fishery (Tester 1942). Reduction was acceptable only when the canneries were running at capacity (Tester 1942). Herring at the head of Knight Inlet were too small for canning such that no fishing occurred at that location during the 1941-1942 season (Tester 1942).

Some important information about the herring fishery was not recorded in the database. First, herring catches were often limited by packer or plant capacity (Tester 1942 and 1944 and Isaacson 1947-1950) (Table 2). Second, statistical areas were often scouted with no or little fishing success (Tester 1941-1942 and 1944 and Isaacson 1945-1950) (Table 3). Third, a bait fishery in Statistical Area 14B (Deep Bay) during the 1946-1947 fishing season was conducted by dogfish boats (Isaacson 1947). Also, during the 1948-1949 season in the Baynes Sound area, a quota extension was granted so that herring could be used for bait or the production of speciality herring products (Isaacson 1949). It should also be noted that many ECVI daily catches were recorded in "dry salted" tons rather than in "green" tons. These catches were converted to green tons using a 1.25 multiplication factor (Table 1). Pilot House Records were all recorded in short tons and did not require conversion. It should also be noted that pilchard, caught primarily in Barkley Sound, Clayoquot Sound, Nootka Sound, Seymour Inlet, Nugent Sound, Sydney Inlet, Hesquiat Harbour, and Klaskish Inlet (Tester 1942-1944) were often mixed with herring and recorded as herring catch during the 1941-1942 to 1943-1944 seasons. Catches of pilchard and other similar appearing species were not documented separately in the literature.

Table 2 in Tester (1945) listed the catches for each statistical area for each season between 1932-1933 and 1943-1944. Certain parts of the text were referenced in order to improve

the geographic precision given in the tables. For example, a catch listed as Statistical Area 13 in the tables was later found to be confined to Deepwater Bay and Okisollo Channel (Section 132), a geographic level smaller than a statistical area. In some cases, statistical area catches could not be reduced to smaller spatial units because catches were spread throughout whole statistical areas.

Tester (1945) summed catches only from the regular fall and winter fisheries and consequently may have underestimated the total catch because no (or very few) summer fishery catches were included. This may explain cases where catches listed in Tester (1945) were less than those listed in Taylor (1964). Also, catches in Tester (1945) were recorded to the nearest hundred short tons, such that catch unit conversion was not necessary. Isaacson (1945-1950) lists summer catches in red ink beside statistical area catches, for the seasons 1944-1945 to 1949-1950. These summer catches were added to the total catches, rather than added separately, in the catch database. Similar text-referencing procedures as those described above were followed to improve the geographic precision of the tables. As in Tester (1945) no catch conversion was necessary as all catches in Isaacson (1945-1950) were in short tons.

PILOT HOUSE RECORDS

Between the 1933-1934 and 1936-1937 fishing seasons, mimeographed data sheets were distributed to herring seine boats (Tester 1945). Data collected included the date of catch, estimated tonnage caught, fishing ground locality, and remarks (Tester 1945). Beginning in the 1937-1938 season, "Pilot House Record" books were distributed to seine boat captains with boat licenses. These books contained data sheets where yellow copies were returned to the Pacific Biological Station and white copies were kept by captains (Tester 1945). During the 1941-1942 season, Pilot House Records were changed to include a map showing the statistical divisions along the coast, and two additional columns were added for the "statistical area fished" and the "plant name" where fish were delivered for processing (Tester 1942). The new Pilot House Records consisted of a blue, original copy for the Pacific Biological Station, Nanaimo; a yellow copy for the Department of Fisheries, Vancouver; and a white copy for the fishermen (Tester 1942). The blue and yellow sheets were to be submitted after each week of fishing (Tester 1942). Figure 7 shows an example of a page from a Pilot House Record.

SOURCES OF DATABASE DISCREPANCIES

Sometimes there were discrepancies between various literature sources. These could occur for various reasons, and could be associated with varying definitions of geographical areas and seasons of catches. Other discrepancies were simple, clerical errors or missing data entries. Appendix Table 3 provides a complete list of discrepancies and shows which herring catch weights were transcribed to the database. Discrepancies are described in detail below.

1888-1916 Herring Catch Records

Herring catches were reported by fiscal year (April 1 to March 31) from 1909 to 1917 (Canada Dept. of Marine and Fisheries 1910-1914 and Canada Dept. of the Naval Service, Fisheries Branch 1915-1917). The first year of the fiscal year was entered into the database because Taylor (1964) reported catches this way. Furthermore, entering the second year of a fiscal year would result in two herring catch totals in 1917, the year when catch records returned to 'calendar year' summations.

There was also some confusion in the fisheries reports regarding herring catches from an area referred to as the "North Coast" (Canada Dept. of Marine and Fisheries 1903-1914 and Canada Dept. of the Naval Service, Fisheries Branch 1915-1917). The present connotation of the North Coast comprises Statistical Areas 3 to 5 or the Prince Rupert District. After comparing catches in these early reports to Taylor (1964) it was determined that the area referred to as the North Coast was actually the lower Central region of BC (catches were reported in the Bella Coola and Bella Bella areas). Since precise catch areas were not provided in many early reports it was decided that North Coast catches would be recorded as multiple locations (Position=9) in Statistical Areas 7-10.

Similar confusion occurred for an area referred to as the "West Coast Mainland" or "Mainland" in the fisheries reports (Canada Dept. of Marine and Fisheries 1906-1912). After comparing these early fisheries reports to Taylor (1964) it was determined that the herring catches occur in the middle east coast Vancouver Island District. Consequently, Statistical Areas 15 and 16 were considered to comprise what was referred to as the West Coast Mainland.

Herring catches for east coast Queen Charlotte Islands between 1888-1900 (Canada Dept. of Fisheries 1888-1893 and Canada Dept. of Marine and Fisheries 1894-1902) were reported as upper east coast Queen Charlotte Islands in Taylor (1964). Taylor (1964) reported that no catches occurred south of Skidegate until 1938. Therefore these catches were reported in the database as being caught in the upper east side of the Queen Charlotte Islands. Furthermore, all Queen Charlotte Island catches between 1901 to 1907 (Canada Dept. of Marine and Fisheries 1903-1909) were combined and entered in an "Upper Coast Queen Charlotte Island" column in Taylor (1964).

A few discrepancies between herring catches in fisheries reports versus Taylor (1964) were observed, but could not be reconciled. In most cases, only a few tons were involved (1-20 tons) and it is probable that Taylor (1964) rounded the catches to the nearest short ton. Also, any catches less than 10 tons were often indicated with a "+" by Taylor (1964). Conversions of catches listed in early fisheries reports (given in various units) to short tons revealed some of these small discrepancies. For example, between 1893-1895 (Canada Dept. of Marine and Fisheries 1894-1897), the lower ECVI catches in fisheries reports were higher than those recorded in Taylor (1964). In 1896 an upper east coast Queen Charlotte Islands (QCI) herring catch in Taylor (1964) was indicated as a "+" signifying a catch less than 10 tons, however, conversion of earlier fisheries reports produced a catch of 39.50 tons. In the same year, a catch in the lower Central Coast was 10 tons according to Taylor (1964), but was only 2.95 tons after conversion from earlier fisheries report.

'Disposal' codes could be assigned only for some of the 1888-1916 marketed herring catches. Catches that were smoked or salted were assigned the disposal code for 'food'. Fresh and salted weights, however, were combined for 1899-1909 catches and recorded as a single catch weight (Canada Dept. of Marine and Fisheries 1901-1910). Taylor (1964) also determined that these weights were underestimated because the conversion to fresh weight could not be accurately performed on the combined fresh/salted weight. Herring catches between 1888 and 1898 were in herring pounds. Since it was unclear whether the herring pounds referred to fresh fish or a combination of disposal types, no disposal code was assigned for these records (Canada Dept. of Fisheries 1888-1893 and Canada Dept. of Marine and Fisheries 1894-1900). 'Gear' types were not specified for herring catches between 1888 and 1916 (Canada Dept. of Fisheries 1888-1893; Canada Dept. of Marine and Fisheries 1894-1914; and Canada Dept. of the Naval Service, Fisheries Branch 1915-1917). Gillnets were used since 1900 and purse seines since 1910 (Taylor 1964), but herring catches were not recorded by gear type until 1934. Several fishing techniques were documented by Tester (1935b) and this information was used to assign gear types based on the dominant gear type of each period. Drag or beach seines prevailed between 1877 and 1905, drift gillnets between 1906 and 1915, and purse seine gear after 1915.

1917-1932 Herring Catch Records

Only two minor problems were identified during this period. First, neither the disposal type nor the gear type could be determined from the reports (Dominion Bureau of Statistics 1919-1933). Gear type assignments were based on the most dominant gear type as documented by Tester (1935b) and Taylor (1964). Mixed gear types existed during this period, however seine gear prevailed. Second, although most of the catches in the Dominion Bureau of Statistics corresponded with Taylor (1964), a few exceptions were identified and shown in Appendix Table 3. Transcription errors may account for these small discrepancies.

Pilot House Records (Tester 1934-1944 and Isaacson 1945-1950)

Only ECVI and WCVI herring catch total weights were provided in manuscript reports for the 1933-1934 to 1935-1936 fishing seasons (Tester 1934-1936). Tester (1945), however, included additional catch records for the "Northern" region. Northern herring catches were therefore cited from Tester (1945) while ECVI and WCVI herring catches were cited from Tester (1934-1936). Taylor (1964) also listed a herring catch for "District 1" (Statistical Area 28 and 29) for fishing seasons 1933-1934 to 1946-1947. Tester (1934-1944) and Isaacson (1945-1947) manuscript reports did not mention any catch in this district. "District 1" catch weights were consequently entered from Taylor (1964).

Several fishing grounds listed in the manuscript reports (Tester 1934-1945) could not be located in the British Columbia Gazetteer (Canadian Permanent Committee on Geographical Names 1985), Sailing Directions for the British Columbia Coast (Canada Dept. of Fisheries and Oceans and Canadian Hydrographic Service 1990 and 1991), Haist and Rosenfeld (1988), or from Canadian Hydrographic Service marine charts. These fishing grounds included Statistical Area 4 - Japan Inlet (Tester 1934 and 1937 and 1945), Statistical Area 7 - Raft Creek, Doris Lake and Evans Arm (Tester 1942), Statistical Area 13 - Serpentine Pass (Tester 1941-

1944), Central region - Nukish Narrows which may have been Nowish Narrows (Tester 1939) and Statistical Area 27 - Bare Island (Tester 1941). Less precise, statistical area location codes were used in the database to indicate these fishing areas.

Not all catch data were listed by week in the tables. Catches for QCI (Tester 1939), Northern BC (Tester 1938), and Central regions (Tester 1939) were listed by month rather than week. In addition, for the Central region during the 1938-1939 season both a monthly and weekly breakdown for Kwakshua and Safety Cove was provided. Monthly catch statistics were used in the database for consistency. Also, 1934-1935 catch weights for Nanoose Bay and 1936-1937 catch weights for Butler Cove, Japan Inlet, and Prince Rupert Harbour were listed for a two-month period (Tester 1935 and 1937). The first month of this two-month period was entered into the database.

Catch locations were often mentioned in manuscript reports, but corresponding catch weights were not provided. For example, Tester (1944) mentions that the bait fishery in Gunboat Pass, Retreat Pass, Christie Pass, Browning Pass, Jervis Inlet, and Rivers Inlet head was successful; however, catch weights could not be found in the report. During the 1941-1942 season, a catch of 20 tons of fish in Statistical Area 11 was recorded (Tester 1942), but it was unclear whether these fish were pilchard or herring (Tester 1942). The catch was entered into the database as herring.

Several manuscript reports listed two catches per weekly record in the catch tables. In all but one case, typed catch weights rather than weights written in red pencil or in parentheses were entered into the database. These catches occurred in the following areas: ECVI (Tester 1935), Kyuquot Sound (Tester 1936), Barkley Sound (Tester 1939), Central - Laredo Inlet (Tester 1940 and 1942), Statistical Area 3 - Prince Rupert (Tester 1942), Nanoose Bay (Tester 1942), Statistical Area 13 - Deepwater Bay (Tester 1943), Statistical Area 14A - Deep Bay (Tester 1943) and Statistical Area 18 (Tester 1943). An exception was a Clayoquot Sound entry of 70 tons (Tester 1939) in parenthesis. Since there were no other catch entries listed for that date, the 70 ton herring catch was entered into the database. In a 1938-1939 report, some of the catches for the Northern District were whited-out and a new catch weight was written over top (Tester 1939).

1933-1950 Herring Catch Records (Tester 1945 and Isaacson 1945-1950)

Tester (1945) and Isaacson (1945-1950) reports do not include herring catches for "District 1" (Fraser River and Howe Sound). Catches for this area were entered into the database using Taylor (1964).

Although Tester (1945) clarified some fishing locations, other discrepancies remained. For example, Tester (1945) often provided the month of catch but total catch weights under-estimated the catches listed in Table 2 (Tester 1945). Only catch totals from Table 2 were entered into the database. Geographical names were also a problem in Tester (1945). Herring catches reported in the Queen Charlotte Islands (QCI), Statistical Area 1, were referred to as the "north shore QCI" in Tester (1945) and as the "west coast QCI" in Taylor (1964). This potential confusion also occurred in Statistical Area 2 where Tester (1945) listed the area as the "west and

east coasts of QCI" while Taylor (1964) referred to it as the "lower east coast of QCI". The fishing locations were consequently taken from Tester (1945) while the corresponding catches entries came from Taylor (1964). Other discrepancies may be apparent because Tester (1945) sometimes listed the presence of a catch with a "+" and herring catch locations often were documented without catch weights.

Three catch discrepancies, thought to be typographical errors, were identified between Taylor (1964) and Tester (1945). Two entries in Table 2 of Tester (1945) were followed by question marks. The first was indicated beside a 1933-1934, Statistical Area 23 herring catch of 20,000 short tons (600 short tons in Statistical Area 24). Taylor (1964) recorded a combined catch of 16,300 short tons for lower west coast of Vancouver Island (Statistical Areas 23 and 24) for that same season. The second question mark was next to a 1934-1935, Statistical Area 23 catch of 7,000 short tons (0 short tons for Statistical Area 24). Taylor (1964) recorded a combined catch of 6,000 tons for Statistical Areas 23 and 24. During the 1936-1937 season, Tester (1945, Table 2) recorded a catch of 11,000 short tons for Statistical Area 4 (0 short tons for Statistical Areas 3 and 5). Taylor (1964) recorded a catch of 1,000 short tons for Statistical Areas 3 to 5. In each case catch weights were entered into the database from the original source (Tester 1945) rather than from Taylor (1964).

GEOGRAPHICAL CO-ORDINATES OF CATCH RECORDS

A major incentive for the re-construction of the herring catch database was to provide a data set that would support many different kinds of future analyses of catch data recorded prior to 1950. A major specific objective was the documentation of geographical areas for geo-referencing and mapping purposes. In this report, however, for the purposes of brevity, we do not include specific co-ordinates for each geographical name (or region) included in the database. This information is included, however, in the electronic version.

CONCLUSION

Much of this report describes various errors or problems that have occurred in the past, relative to the recording of data on herring catches. We hope that readers will appreciate some of the sources or errors, and appreciate that many are of little consequence to total catch estimation. Sometimes, however, even small catches may have significance to relatively small geographical areas. We also hope that this report will serve as a 'definitive' explanation for the historical catch database, although we do not expect that the catch data will not be subject to future revision. Such revision is possible if there were a thorough review of all information that may exist relative to past catches. Such data may exist in a variety of archival sources, some more than a century old. A complete re-construction from source documents, such as landing slips from packing plants, as well as other documents, would be a major undertaking, far in excess of the resources available for the preparation of the database we describe.

REFERENCES

Canada Dept. of Fisheries and Oceans and Canadian Hydrographic Service. 1990. Vol. 1. 15th Edition. Ottawa: Communications Directorate, Dept. of Fisheries and Oceans, p. xv-397. In Sailing Directions: British Columbia coast (South portion).

Canada Dept. of Fisheries and Oceans and Canadian Hydrographic Service. 1991. Vol. 2. 12th Edition. Ottawa: Communications Directorate, Dept. of Fisheries and Oceans, p. xv-306. In Sailing Directions: British Columbia coast (North Portion).

Canada Department of Fisheries. 1889. Annual Report of the Department of Fisheries, Dominion of Canada, for the year 1888. 233-255 pp.

Canada Department of Fisheries. 1890. Annual Report of the Department of Fisheries, Dominion of Canada, for the calendar year 1889. 247-262 pp.

Canada Department of Fisheries. 1891. Appendix F. British Columbia, p. 173-191. In Supplement No. 1 to the Annual Report of the Department of Fisheries. Fisheries Statements and Inspectors' Reports for the year 1890.

Canada Department of Fisheries. 1892. Appendix F. – British Columbia, p. 166-176. In Supplement No.1 to the Annual Report of the Department of Fisheries. Fisheries Statements and Inspectors' Reports for the Year 1891.

Canada Department of Marine and Fisheries. 1893. Appendix F. – British Columbia, p. 158-163. In Supplement No. 4 to the Annual Report of the Department of Marine and Fisheries. Fisheries Statements and Inspectors' Reports for the Year 1892.

Canada Department of Marine and Fisheries. 1894. Appendix 11 - Annual Reports of Fishery Inspectors, British Columbia, p. 283-291. In Twenty-sixth Annual report of the Department of Marine and Fisheries, Fisheries 1893.

Canada Department of Marine and Fisheries. 1895. Appendix 13 - British Columbia, p. 369-377. In Twenty-seventh Annual report of the Department of Marine and Fisheries 1894 Fisheries.

Canada Department of Marine and Fisheries. 1897. Appendix 10 – British Columbia, p. 222-230. In Twenty-ninth Annual report of the Department of Marine and Fisheries 1896 Fisheries.

Canada Department of Marine and Fisheries. 1898. Appendix 10 – British Columbia, p. 235-242. In Thirtieth Annual report of the Department of Marine and Fisheries 1897 Fisheries.

Canada Department of Marine and Fisheries. 1899. Appendix 9 – British Columbia, p. 221-230. Thirty-first Annual report of the Department of Marine and Fisheries 1898 Fisheries.

Canada Department of Marine and Fisheries. 1900. Appendix 9 – British Columbia, p. 196-203. In Thirty-second Annual report of the Department of Marine and Fisheries 1899 Fisheries.

Canada Department of Marine and Fisheries. 1901. Appendix 8 – British Columbia, p. 156-165. In Thirty-third Annual report of the Department of Marine and Fisheries 1900 Fisheries.

Canada Department of Marine and Fisheries. 1902. Appendix 9 – British Columbia, p. 172-181. In Thirty-fourth Annual report of the Department of Marine and Fisheries 1901 Fisheries.

Canada Department of Marine and Fisheries. 1903. Appendix 4 – British Columbia, p. 102-113. In Thirty-fifth Annual report of the Department of Marine and Fisheries 1902 Fisheries.

Canada Department of Marine and Fisheries. 1904. Appendix 10 – British Columbia, p. 208-219. In Thirty-sixth Annual report of the Department of Marine and Fisheries 1903 Fisheries.

Canada Department of Marine and Fisheries. 1905. Appendix 10 – British Columbia, p. 214-224. In Thirty-seventh Annual report of the Department of Marine and Fisheries 1904 Fisheries.

Canada Department of Marine and Fisheries. 1906. Appendix 10 – British Columbia, p. 202-224. In Thirty-eighth Annual report of the Department of Marine and Fisheries 1905 Fisheries.

Canada Department of Marine and Fisheries. 1906. Appendix 2 – British Columbia, p. 29-47. In Thirty-ninth Annual report of the Department of Marine and Fisheries 1906 Fisheries.

Canada Department of Marine and Fisheries. 1907. Appendix 10 – British Columbia, p. 213-231. In Fortieth Annual report of the Department of Marine and Fisheries 1907 Fisheries.

Canada Department of Marine and Fisheries. 1908-9. Appendix 11 – British Columbia, p. 215-235. In Forty-first Annual report of the Department of Marine and Fisheries 1907-8 Fisheries.

Canada Department of Marine and Fisheries. 1909. Appendix 12 – British Columbia, p. 251-269. In Forty-second Annual report of the Department of Marine and Fisheries 1908-9 Fisheries.

Canada Department of Marine and Fisheries. 1910. Appendix 12 – British Columbia, p. 238-265. In Forty-third Annual report of the Department of Marine and Fisheries 1909-10 Fisheries.

Canada Department of Marine and Fisheries. 1911. Appendix 12 – British Columbia, p. 306-326. In Forty-fourth Annual report of the Department of Marine and Fisheries 1910-11 Fisheries.

Canada Department of Marine and Fisheries. 1912. Appendix 12 – British Columbia, p. 291-317. In Forty-fifth Annual report of the Department of Marine and Fisheries 1911-12 Fisheries.

Canada Department of Marine and Fisheries. 1913. Appendix 11 – British Columbia, p. 286-315. In Forty-sixth Annual report of the Department of Marine and Fisheries 1912-13 Fisheries.

Canada Department of Marine and Fisheries. 1914. Appendix 9 – British Columbia, p. 251-283. In Forty-seventh Annual report of the Department of Marine and Fisheries 1913-14 Fisheries.

Canada Department of Naval Service, Fisheries Branch. 1915. Appendix 8 – British Columbia, p. 247-295. In Forty-eighth Annual report of the Fisheries Branch Department of the Naval Service 1914-15.

Canada Department of Naval Service, Fisheries Branch. 1916. Appendix 9 – British Columbia, p. 243-299. In Forty-ninth Annual report of the Fisheries Branch Department of the Naval Service 1915-16.

Canada Department of Naval Service, Fisheries Branch. 1917. Appendix 9 – British Columbia, p. 230-273. In Fiftieth Annual report of the Fisheries Branch Department of the Naval Service 1916-17.

Canadian Permanent Committee on Geographical Names. 1985. Gazetteer of Canada: British Columbia. 3rd Edition. Ottawa: Energy, Mines and Resources Canada. xx-281 p.

Daniel, K., B. McCarter, and D. Hay. 1999. The construction of a database for Pacific herring tagged and recovered in British Columbia from 1936 to 1992. Can. Tech. Rep. Fish. Aquat. Sci. 2280: 241 p.

Dominion Bureau of Statistics. 1919. Table I. Fish Caught and Marketed, 1917, p. 56. In Census of Industry, 1917. Part III. Fisheries Statistics 1917. Prepared in Collaboration with Dominion and Provincial Fisheries Departments. Sessional Paper No. 17b.

Dominion Bureau of Statistics. 1920. Table I. Fish Caught and Marketed, 1918, p. 52. In Census of Industry, 1918 Fisheries Statistics 1918. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1920. Table I. Fish Caught and Marketed, 1919, p. 58-59. In Census of Industry, 1919 Fisheries Statistics 1919. Prepared in collaboration with Dominion and Provincial Fisheries Departments. Sessional Paper No. 17d.

Dominion Bureau of Statistics. 1921. Table I. Fish Caught and Marketed, 1920, p. 58-59. In Fisheries Statistics 1920. Canada Dominion Bureau of Statistics. Fisheries Division. Prepared in collaboration with Dominion and Provincial Fisheries Departments. Sessional Paper No. 17a.

Dominion Bureau of Statistics. 1922. Table I. Fish Caught and Marketed, 1921, p. 58-59. In Fisheries Statistics 1921. Canada Dominion Bureau of Statistics. Fisheries Division. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1923. Table I. Fish Caught and Marketed, 1922, p. 58-59. In Fisheries Statistics of Canada 1922. Canada Dominion Bureau of Statistics. Fisheries Division. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1924. Table I. Fish Caught and Marketed, 1923, p. 50. In Fisheries Statistics of Canada 1923. Canada Dominion Bureau of Statistics. Fisheries Division. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1925. Table I. Fish Caught and Marketed, 1924, p. 84. In Fisheries Statistics of Canada 1924. Canada Dominion Bureau of Statistics. Fisheries Division. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1926. Table I. Fish Caught and Marketed, 1925, p. 86. In Fisheries Statistics of Canada 1925. Canada Dominion Bureau of Statistics. Fisheries Division. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1927. Table I. Fish Caught and Marketed, 1926, p. 92. In Fisheries Statistics of Canada 1926. Canada Dominion Bureau of Statistics. Fisheries Statistics Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1928. Table I. Fish Caught and Marketed, 1927, p. 92. In Fisheries Statistics of Canada 1927. Canada Dominion Bureau of Statistics. Fisheries Statistics Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1929. Table I. Fish Caught and Marketed, 1928, p. 146-147. In Fisheries Statistics of Canada 1928. Canada – Department of Trade and Commerce. Dominion Bureau of Statistics. Fisheries Statistics Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1931. Table I. Fish Caught and Marketed, 1929, p. 146-147. In Fisheries Statistics of Canada 1929. Canada – Department of Trade and Commerce. Dominion Bureau of Statistics. Fisheries Division Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1931. Table I. Fish Caught and Marketed, 1930, p. 114-115. In Fisheries Statistics of Canada 1930. Canada – Department of Trade and Commerce. Dominion Bureau of Statistics. Fisheries Division Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1932. Table I. Fish Caught and Marketed, 1931, p. 118-119. In Fisheries Statistics of Canada 1931. Canada – Department of Trade and Commerce. Dominion Bureau of Statistics. Fisheries Division Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1933. Table I. Fish Caught and Marketed, 1932, p. 120-121. In Fisheries Statistics of Canada. 1932. Canada – Department of Trade and Commerce. Dominion Bureau of Statistics. Fisheries Division Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Dominion Bureau of Statistics. 1938. Table 20. Table for Conversion of Weights of Fish, Pp 59. In Fisheries Statistics of Canada 1937. Canada – Department of Trade and Commerce. Dominion Bureau of Statistics. Fisheries, Furs and Dairy Statistics Branch. Prepared in collaboration with Dominion and Provincial Fisheries Departments.

Haist, V., and L. Rosenfeld. 1988. Definitions and codings of localities, sections, and assessment regions for British Columbia herring data. Can. Manuscr. Rep. Fish. Aquat. Sci. 1994: 123 p.

Hay, D.E., P.B. McCarter, R. Kronlund, and C. Roy. 1989. Spawning areas of British Columbia herring: a review, geographical analysis and classification. Volumes 1-6. Can. Manuscr. Rep. Fish. Aquat. Sci. 2019: 213 p.

Hourston, A.S., and R.S.K. Isaacson. 1972. British Columbia Herring Landings from 1950-51 to 1969-70. Part 1-20. Fish. Res. Board Can. Manuscr. Rep. 1184.

Hourston, A.S. 1981. Summaries of British Columbia Herring Catch and Sampling Data by Section, Week and Gear for the 1970's. Can. Data Rep. Fish. Aquat. Sci. 256: 488 p.

Isaacson, R.S. 1945. Catch Statistics of the Herring Fishery of British Columbia for the Season 1944-45. Pacific Biological Station, Nanaimo, B.C.

Isaacson, R.S. 1946. Catch Statistics for the Herring Fishery of British Columbia for the Season 1945-46. Pacific Biological Station, Nanaimo, B.C.

Isaacson, R.S. 1947. Catch Statistics of the Herring Fishery of British Columbia for the Season 1946-47. Pacific Biological Station, Nanaimo, B.C.

Isaacson, R.S. 1948. Catch Statistics of the Herring Fishery of British Columbia for the Season 1947-48. Pacific Biological Station, Nanaimo, B.C

Isaacson, R.S. 1949. Catch Statistics of the Herring Fishery of British Columbia 1948-49. Pacific Biological Station, Nanaimo, B.C

Isaacson, R.S. 1950. Catch Statistics of the Herring Fishery of British Columbia for the Season 1949-50. Pacific Biological Station, Nanaimo, B.C.

Schweigert, J.F., C. Fort, and R. Tanasichuk. 1998. Stock Assessment for British Columbia Herring in 1997 and Forecasts of the Potential Catch in 1998. Can. Tech. Rep. Fish. Aquat. Sci. 2217: 64 p.

Taylor, F.H.C. 1964. Life History and Present Status of British Columbia Herring Stocks. Fish. Res. Board Can. Bull. 143.

Tester, A.L. 1934. Catch Statistics of the Herring fishery of British Columbia for the Season 1933-34. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1935a. Catch Statistics of the Herring Fishery of British Columbia for the Season 1934-35. Pacific Biological Station, Nanaimo, B.C

Tester, A.L. 1935b. The Herring Fishery of British Columbia – Past and Present. Fish. Res. Board Can. Bull. 47: 37 p.

Tester, A.L. 1936. Catch Statistics of the Herring Fishery of British Columbia for the Season 1935-36. Pacific Biological Station, Nanaimo, B.C

Tester, A.L. 1937. Catch Statistics for the herring fishery of British Columbia for the season 1936-37 with a revision of the statistics for 1933-34, 1934-35 and 1935-36. Pacific Biological Station, Nanaimo, B.C.: 33 p.

Tester, A.L. 1938. Catch Statistics of the Herring Fishery of British Columbia for the Season 1937-38. Pacific Biological Station, Nanaimo, B.C.: 18 p.

Tester, A.L. 1939. Catch Statistics of the Herring Fishery of British Columbia for the Season 1938-39. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1940. Catch Statistics of the Herring Fishery of British Columbia for the Season 1939-40. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1941. Catch Statistics of the Herring Fishery of British Columbia for the Season 1940-41. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1942. Catch Statistics of the Herring Fishery of British Columbia for the Season 1941-42. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1943. Catch Statistics of the Herring Fishery of British Columbia for the Season 1942-43. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1944. Catch Statistics of the Herring Fishery of British Columbia for the Season 1943-44. Pacific Biological Station, Nanaimo, B.C.

Tester, A.L. 1945. Catch Statistics of the British Columbia Herring Fishery to 1943-44. Fish. Res. Board Can. Bulletin 67: 47 p.

Table 1. Catch conversion equations used to create the database (Tester 1935b, Dominion Bureau of Statistics 1938, and Taylor 1964).

1 short ton =	0.9072 tonne (metric ton)	= 2000 lb.
1 short ton =	20 cwt	= 2000 lb.
1 ton smoked =	2 tons fresh	= 4000 lb. fresh
1 ton dry-salted =	1.25 tons fresh	= 2500 lb. fresh
1 cwt dry-salted =	1.25 cwt green	= 125 lb. green
1 barrel bait or salted =	2 cwt green	= 200 lb. green
1 barrel pickled =	3 cwt green	= 300 lb. green
1 cwt smoked =	2 cwt green	= 200 lb. green
1 ton meal =	110 cwt green	= 11000 lb. green

Table 2. Statistical areas where herring catches were limited by packer or cannery plant capacity.

Season	Statistical Area	Comments	Reference
1941-42	17, 18	Limited by cannery capacity	Tester 1942
1943-44	7	Limited by packer capacity	Tester 1944a
1946-47	18	Limited by packer capacity	Isaacson 1947
1947-48	5	Limited by packer and plant capacity	Isaacson 1948
1948-49	4, 7, 14B (Nanoose Bay)	Limited by packer and plant capacity	Isaacson 1949
1949-50	13, 14A (Deep Bay area)	Limited by packer and plant capacity	Isaacson 1950

Table 3. Statistical areas or fishing grounds that were scouted yet no fish were found.

Season	Statistical Area or Fishing Ground Name	Reference	Comments from Reference
1940-41	Kitkatlah Inlet, Ogden Channel, Captain Cove, Petrel Channel, Mink-Trap Bay, Grenville Channel, Klewnuggit Inlet, Lowe Inlet, Barnard Cove, South Bentinck Arm, Cascade Inlet, Dean Channel, Cousins Inlet, Evans Arm, Raymond Passage, Deer Passage, Pendrell Sound, Bute Inlet, Toba Inlet, Waddington Channel, Pryce Channel, Teak-erne Arm and Talbot Cove	Tester 1941	Scouted after area closure.
1941-42	14A	Tester 1942	
1941-42	Prince Rupert Harbour, Mink Trap Bay, Port Stephens, Captain's Cove, Union Pass, Aaltanhash Inlet, Kwakshua Pass, Nootka Sound proper.	Tester 1942	No fishing success
1943-44	Statistical Areas 8, 10, 11	Tester 1944a	
1943-44	Statistical Area 3, 4, 17	Tester 1944a	For bait, not much success
1944-45	Statistical Areas 4, 10, 11, 14A (Deep Bay)	Tester 1945a	
1944-45	Statistical Area 3 (Wark Channel, Khutzemateen Inlet and vicinity)	Tester 1945a	Possibly scouted – no records
1945-46	Statistical Areas 3 (Portland Inlet & vicinity), 4 (Prince Rupert & vicinity), 8, 9, 10	Isaacson 1946	
1946-47	Statistical Areas 4, 8, 9, 10, 11, 26, Howe Sound, Point Grey, Cape Lazo, International Border	Isaacson 1947	
1947-48	Statistical Areas 3, 4	Isaacson 1948	
1947-48	Statistical Area 27	Isaacson 1948	No reported scouting yet author believes the area may have been scouted
1948-49	QCI	Isaacson 1949	Unlikely was scouted but patrol boat did scout East Coast of Moresby Island in early March
1948-49	Statistical Areas 3, 5,10, 11, 24	Isaacson 1949	
1948-49	Statistical Area 27	Isaacson 1949	No record of scouting yet Isaacson (1949) indicated some
1949-50	QCI	Isaacson 1950	

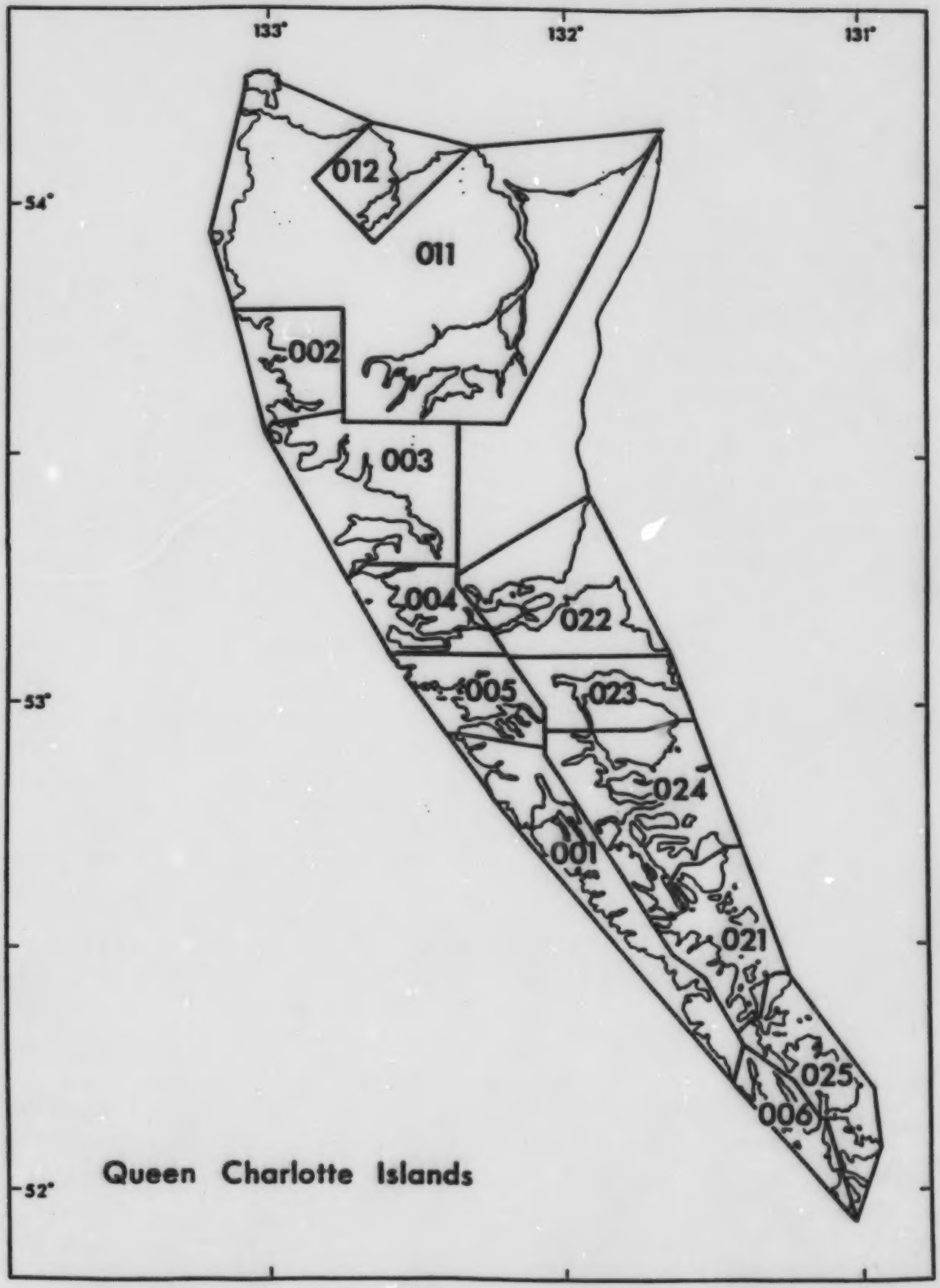


Fig. 1. Herring sections in the Queen Charlotte Islands - Region 1 (Haist and Rosenfeld 1988).

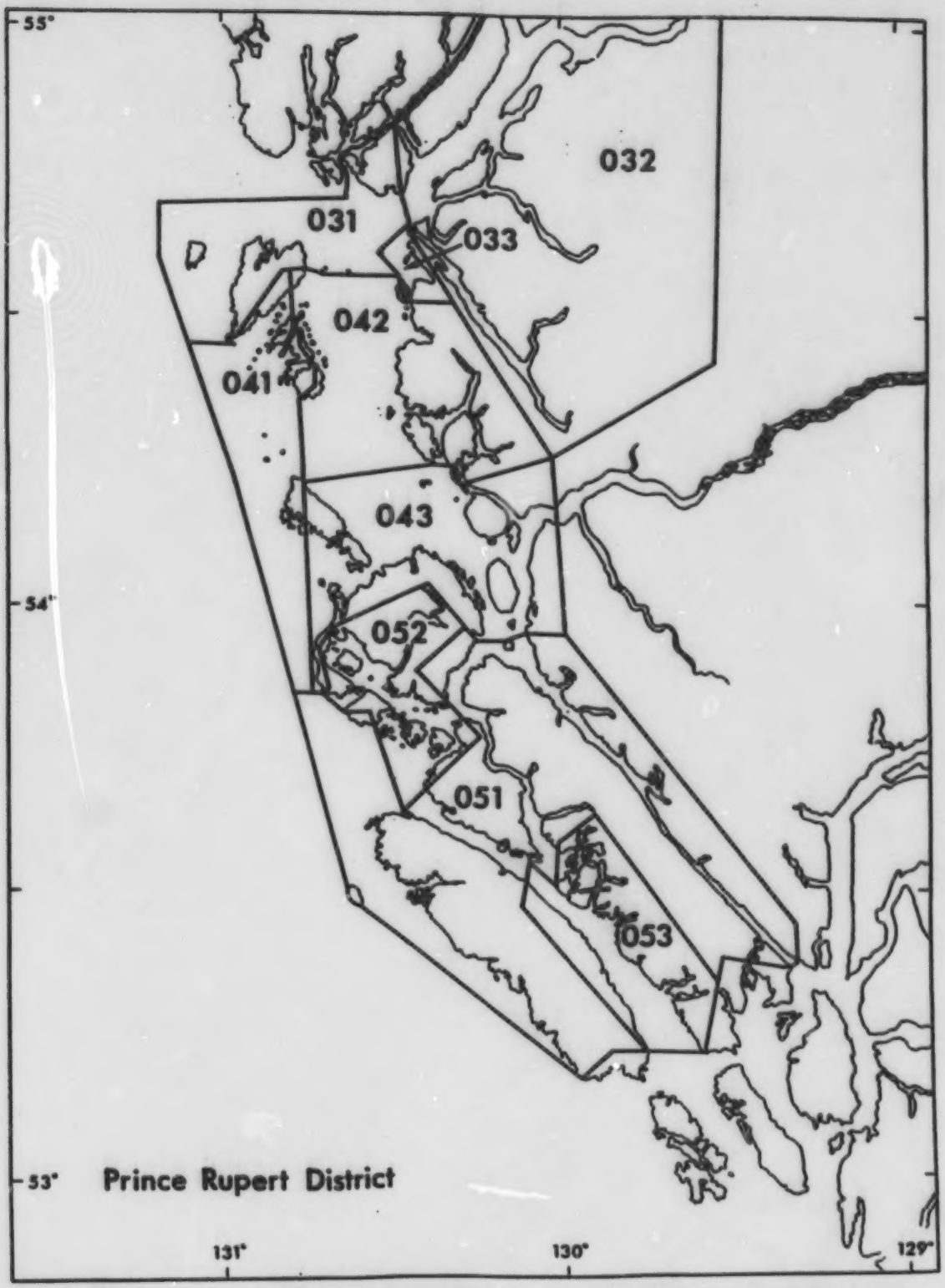


Fig. 2. Herring sections in the Prince Rupert District - Region 2 (Haist and Rosenfeld 1988).

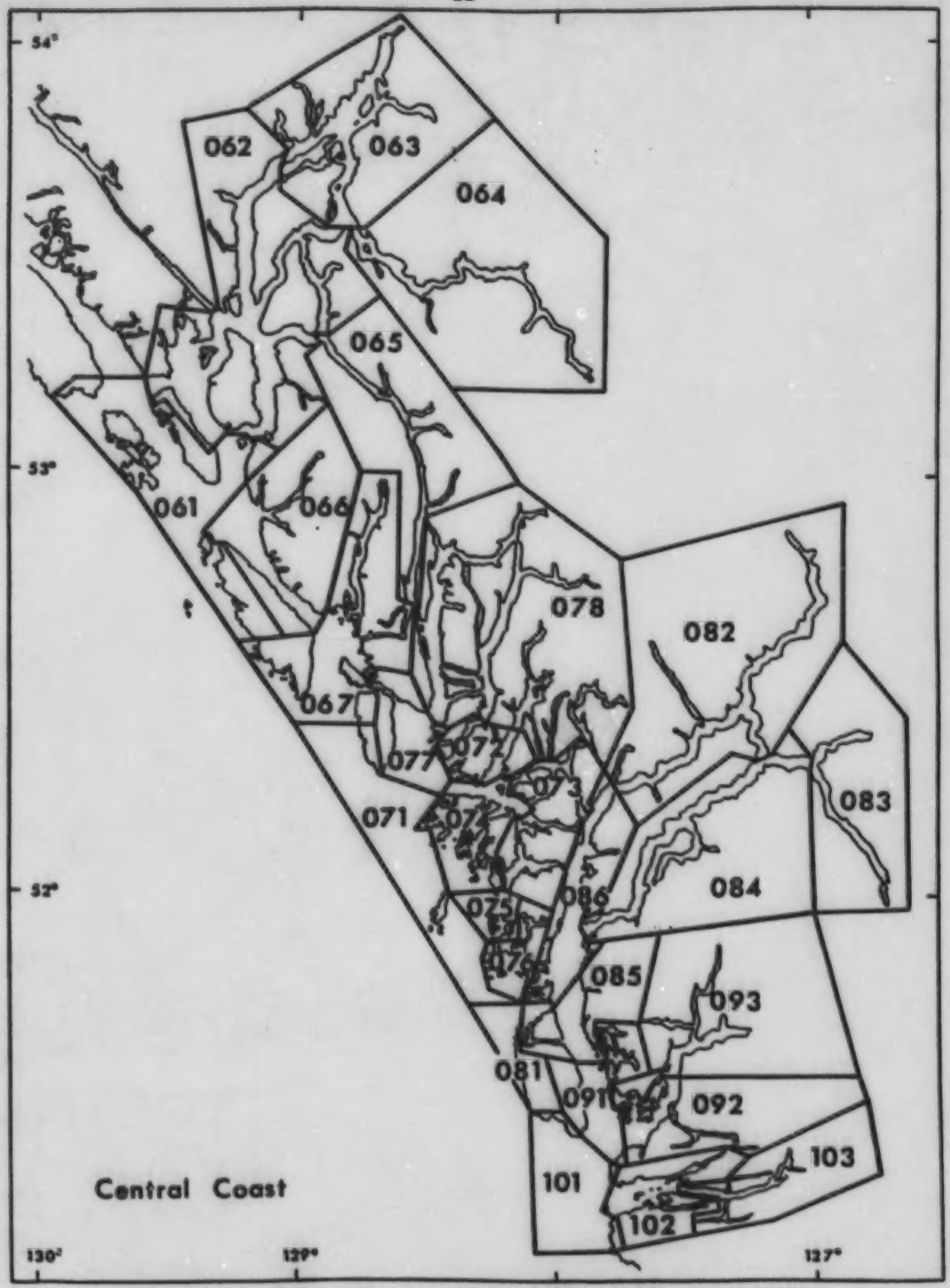


Fig. 3. Herring sections in the Central Coast - Region 3 (Haist and Rosenfeld 1988).

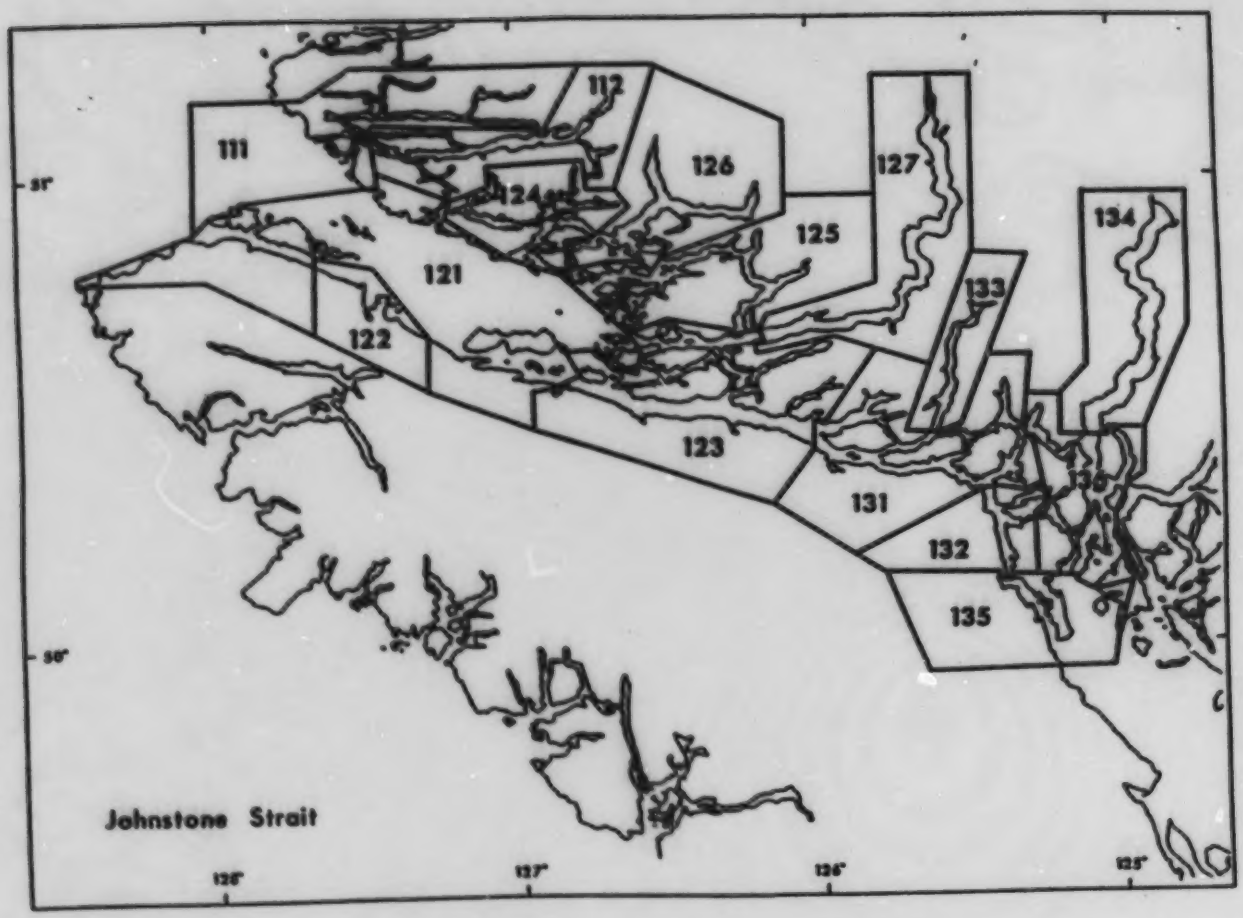


Fig. 4. Herring sections in Johnstone Strait - Region 4 (Haist and Rosenfeld 1988).

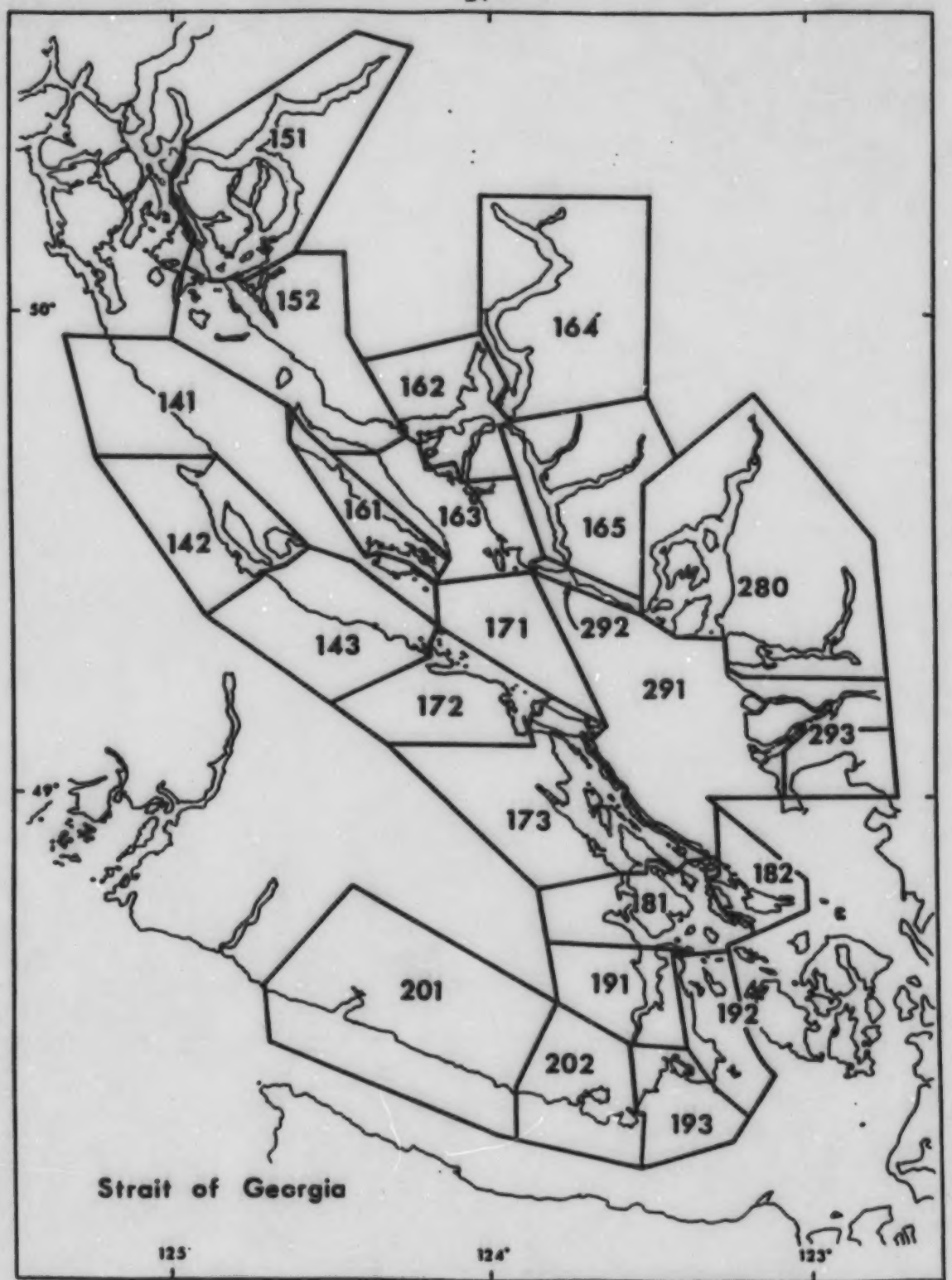


Fig. 5. Herring sections in the Strait of Georgia - Region 5 (Haist and Rosenfeld 1988).

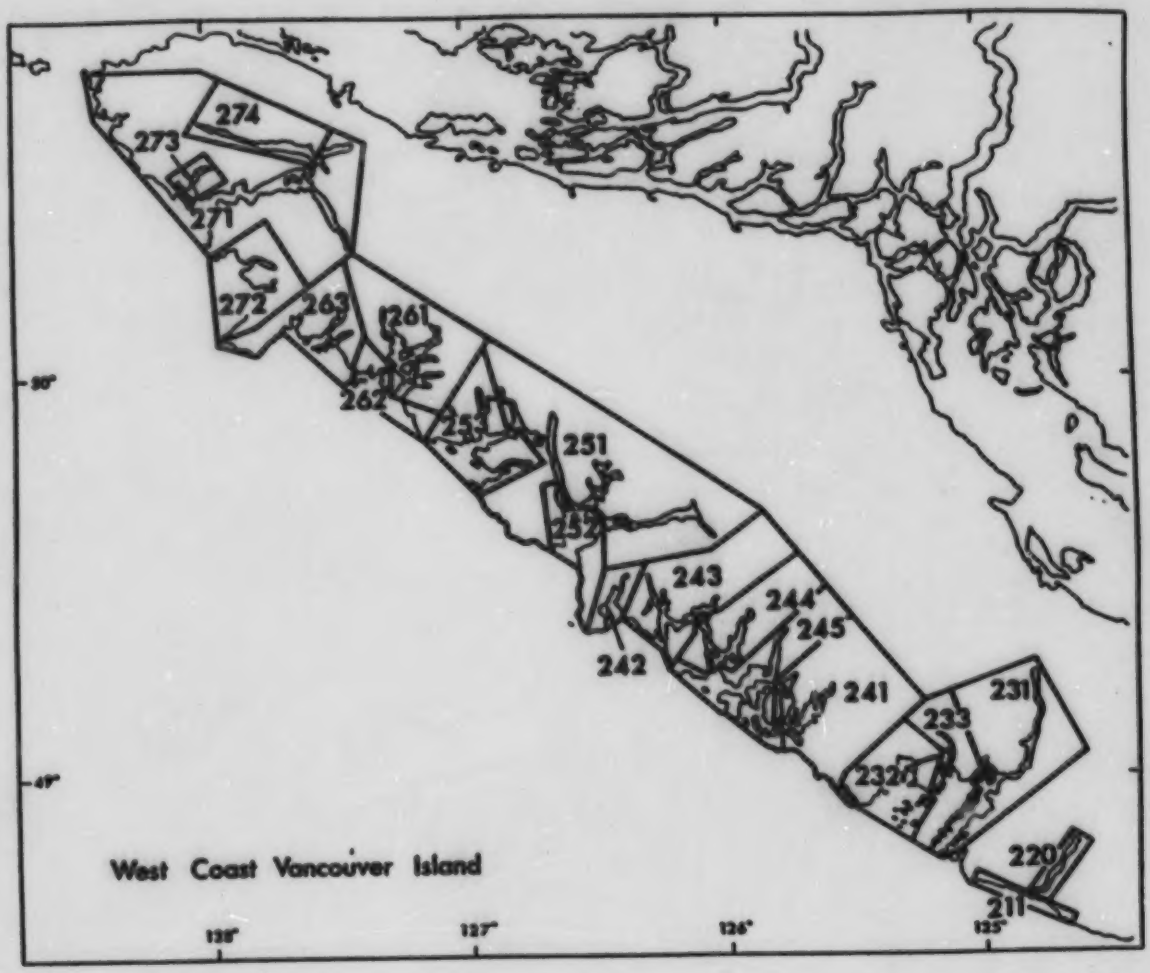


Fig. 6. Herring sections on the west coast of Vancouver Island - Region 6 (Haist and Rosenfeld 1988).

HERRING CATCH STATISTICS — MAKE AT LEAST ONE ENTRY EACH DAY — SERIAL Nº 466

SUBMIT TO PLANT BOOKKEEPER AT THE END OF EACH WEEK

YEAR 1945 DOMINION LICENSE NO. 68 STONE BOAT. Wm Tester CAPTAIN J. Smith

DATE	TIME OF DAY	OFFER (Type of Gear)	PLANT DELIVERED TO	FISHING AREA No.	FISHING LOCALITY	REMARKS
Oct 18	6 A.M.	60	Imperial	18	Seal Island channel	W. wind
	7 P.M.	X		18	"	on hook
19	AM	—		—	—	Travelling
	8 P.M.	110	Imperial	13	Deep Cove Bay	Lt of fish. Heavy SE
20	AM	—		13	"	no fishing
	6 P.M.	95	"	13	"	good weather
21	8 AM	50	"	13	"	"
	6 PM	X		13	"	bad day
22	AM	—		—		Travelling
	6 PM	75	Imperial	14A	Kwatna Bay	
23	2 PM	50	Pioneer	14A	"	
	8 PM	X		14A	"	smuggled seine
24		—		—		repairing seine

Please Note: VOID X in each column to indicate fishing but no fish caught.
VOID — in each column to indicate that boat is not fishing.
ALWAYS give the fishing area number whether or not fish are caught.

Fig. 7. A page from "Pilot House Records" (Tester 1945)

Appendix Table 1. Combined worksheet of all 1888 to 1950 herring catches (in metric tons) compiled from summary reports of landing slips.[1]

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1888			1	2290	70	9.07		Fraser River and South to American Boundary
	1888			1	2290	70	2.72	6	From Fraser River to How Sound
	1888			1	2290	70	23.32		From Fraser River to How Sound
	1888			1	2022	70	4.54		East Coast of QCI - Skidegate north)
	1888			1	2000	70	0.23		West Coast of QCI
	1888			1	2200	70	4.54	6	From Victoria to San Juan
	1888			1	2200	70	18.14		From Victoria to San Juan
	1888			1	36	70	0.45		From Barkley to Cape Scott
	1889			1	2290	70	1.36	6	Fraser River and South to American Boundary
	1889			1	2290	70	5.44		Fraser River and South to American Boundary
	1889			1	2290	70	4.08	6	From Fraser River to How Sound
	1889			1	2290	70	24.04		From Fraser River to How Sound
	1889			1	32	70	1.81	6	Skeena River to Alaska Boundary
	1889			1	32	70	1.81		Skeena River to Alaska Boundary
	1889			1	2022	70	10.89	6	East Coast of QCI - Skidegate north)
	1889			1	2000	70	1.81	6	West Coast of QCI
	1889			1	34	70	4.54		Cape Scott VI to Comox River
	1889			1	35	70	5.44	6	Comox River VI to Victoria
	1889			1	35	70	22.68		Comox River VI to Victoria
	1889			1	2200	70	45.36	6	Victoria to San Juan
	1889			1	2200	70	22.68		Victoria to San Juan
	1889			1	36	70	4.54		San Juan to Barkley Sound
	1889			1	36	70	0.45		From Barkley to Cape Scott
	1890			1	2290	70	39.46		Fraser River and South to American Boundary
	1890			1	2290	70	9.98	6	From Fraser River to How Sound
	1890			1	2290	70	38.33		From Fraser River to How Sound
	1890			1	2022	70	1.81	6	East Coast of QCI - Skidegate north)
	1890			1	2000	70	1.81	6	West Coast of QCI
	1890			1	34	70	4.54		Cape Scott VI to Comox River
	1890			1	35	70	11.34	6	Comox River VI to Victoria
	1890			1	35	70	59.88		Comox River VI to Victoria
	1890			1	2200	70	3.18		Victoria to San Juan
	1890			1	36	70	3.63		San Juan to Barkley Sound

[1] Multiple herring catch entries were reduced to single row entries so that catches would sum or table correctly by regional level location codes (Field 6). Refer to "Database Structure" section of this report for complete descriptions of each data field.

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1890			1	36	70	0.45		From Barkley to Cape Scott
	1891			1	2290	70	2.09	6	Fraser River and South to American Boundary
	1891			1	2290	70	28.76		Fraser River and South to American Boundary
	1891			1	2290	70	9.07	6	From Fraser River to How Sound
	1891			1	2290	70	40.82		From Fraser River to How Sound
	1891			1	32	70	1.81	6	Skeena River to Alaska Boundary
	1891			1	32	70	2.27		Skeena River to Alaska Boundary
	1891			1	2022	70	1.81	6	East Coast of QCI - Skidegate north)
	1891			1	2022	70	20.41		East Coast of QCI - Skidegate north)
	1891			1	2000	70	1.81	6	West Coast of QCI
	1891			1	2000	70	4.54		West Coast of QCI
	1891			1	34	70	0.91	6	Cape Scott VI to Comox
	1891			1	34	70	4.54		Cape Scott VI to Comox
	1891			1	35	70	10.89	6	Comox VI to Victoria
	1891			1	35	70	58.97		Comox VI to Victoria
	1891			1	2200	70	4.54		Victoria to San Juan
	1891			1	36	70	4.54		San Juan to Cape Beale
	1891			1	36	70	0.91		Cape Beale to Cape Scott
	1892			1	2290	70	22.68		Fraser River and South to American Boundary
	1892			1	2290	70	101.61		From Fraser River to Howe Sound
	1892			1	32	70	1.81	6	Skeena River to Alaska Boundary
	1892			1	32	70	2.27		Skeena River to Alaska Boundary
	1892			1	2022	70	14.06	6	East Coast of QCI - Skidegate north)
	1892			1	2022	70	11.34		East Coast of QCI - Skidegate north)
	1892			1	2000	70	2.72	6	West Coast of QCI
	1892			1	2000	70	4.54		West Coast of QCI
	1892			1	34	70	0.91	6	Cape Scott VI to Comox
	1892			1	34	70	6.35		Cape Scott VI to Comox
	1892			1	35	70	12.70	6	Comox VI to Victoria
	1892			1	35	70	58.97		Comox VI to Victoria
	1892			1	36	70	0.91		Victoria to Cape Beale
	1892			1	36	70	1.81		Cape Beale to Cape Scott
	1893			1	2290	70	113.40		Fraser River District, including Howe Sound and Burrard Inlet
	1893			1	34	70	2.27		Howe Sound to Rivers Inlet
	1893			1	32	70	2.27		Skeena River to Alaska Boundary
	1893			1	2022	70	16.33	6	East Coast of QCI - Skidegate north)
	1893			1	2022	70	10.43		East Coast of QCI - Skidegate north)
	1893			1	2000	70	2.72	6	West Coast of QCI

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1893			1	2000	70	6.80		West Coast of QCI
	1893			1	34	70	0.91	6	Cape Scott VI to Comox
	1893			1	34	70	6.35		Cape Scott VI to Comox
	1893			1	35	70	10.16	6	Comox VI to Victoria
	1893			1	35	70	58.97		Comox VI to Victoria
	1893			1	36	70	4.54		Victoria to Cape Beale
	1893			1	36	70	0.45	6	Cape Beale to Cape Scott
	1893			1	36	70	2.72		Cape Beale to Cape Scott
	1894			1	2290	70	90.72		Fraser River District, including Howe Sound and Burrard Inlet
	1894			1	34	70	2.27		Howe Sound to Rivers Inlet
	1894			1	32	70	2.27		Skeena River to Alaska Boundary
	1894			1	2022	70	17.24	6	East Coast of QCI - Skidegate north)
	1894			1	2022	70	0.91		East Coast of QCI - Skidegate north)
	1894			1	2000	70	0.27	6	West Coast of QCI
	1894			1	2000	70	6.80		West Coast of QCI
	1894			1	34	70	0.73	6	Cape Scott VI to Comox
	1894			1	34	70	6.35		Cape Scott VI to Comox
	1894			1	35	70	19.96	6	Comox VI to Victoria
	1894			1	35	70	54.43		Comox VI to Victoria
	1894			1	36	70	4.54		Victoria to Cape Beale
	1894			1	36	70	23.59	6	Cape Beale to Cape Scott
	1894			1	36	70	3.18		Cape Beale to Cape Scott
	1895			1	2290	70	2.72	6	Fraser River District, including Howe Sound and Burrard Inlet
	1895			1	2290	70	9.07		Fraser River District, including Howe Sound and Burrard Inlet
	1895			1	34	70	0.14	6	Howe Sound to Rivers Inlet
	1895			1	34	70	24.95		Howe Sound to Rivers Inlet
	1895			1	32	70	2.27		Skeena River to Alaska Boundary
	1895			1	2022	70	2.34	6	East Coast of QCI - Skidegate north)
	1895			1	2022	70	0.91		East Coast of QCI - Skidegate north)
	1895			1	2000	70	0.27	6	West Coast of QCI
	1895			1	2000	70	6.80		West Coast of QCI
	1895			1	34	70	7.26	6	Cape Scott VI to Comox
	1895			1	34	70	6.80		Cape Scott VI to Comox
	1895			1	35	70	10.89	6	Comox VI to Victoria
	1895			1	35	70	54.43		Comox VI to Victoria
	1895			1	36	70	0.45	6	Victoria to Cape Beale
	1895			1	36	70	4.54		Victoria to Cape Beale
	1895			1	36	70	0.91	6	Cape Beale to Cape Scott

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1895			1	36	70	3.40		Cape Beale to Cape Scott
	1896			1	2290	70	53.84	6	Fraser River District, including Howe Sound and Burrard Inlet
	1896			1	2290	70	9.07		Fraser River District, including Howe Sound and Burrard Inlet
	1896			1	2090	70	0.18	6	Rivers Inlet District
	1896			1	2090	70	2.49		Rivers Inlet District
	1896			1	2022	70	34.47	6	East Coast of QCI - Skidegate north)
	1896			1	2022	70	1.36		East Coast of QCI - Skidegate north)
	1896			1	2000	70	9.53	6	West Coast of QCI
	1896			1	2000	70	0.68		West Coast of QCI
	1896			1	34	70	0.91	6	Cape Scott VI to Comox
	1896			1	34	70	2.72		Cape Scott VI to Comox
	1896			1	35	70	9.07	6	Comox VI to Victoria
	1896			1	35	70	54.43		Comox VI to Victoria
	1896			1	36	70	0.91	6	Victoria to Cape Beale
	1896			1	36	70	4.54		Victoria to Cape Beale
	1896			1	36	70	0.91	6	Cape Beale to Cape Scott
	1896			1	36	70	11.34		Cape Beale to Cape Scott
	1897			1	2290	70	31.75	6	Fraser River
	1897			1	2290	70	45.36		Fraser River
	1897			1	2040	70	2.27		Skeena River
	1897			1	2000	70	0.59	6	West Coast of QCI
	1897			1	2000	70	11.34		West Coast of QCI
	1897			1	2022	70	2.27	6	East Coast of QCI - Skidegate north)
	1897			1	2022	70	9.07		East Coast of QCI - Skidegate north)
	1897			1	34	70	6.80		Cape Scott VI to Comox
	1897			1	35	70	10.89	6	Comox VI to Victoria
	1897			1	35	70	111.13		Comox VI to Victoria
	1897			1	36	70	0.45	6	Victoria to Cape Beale
	1897			1	36	70	4.54		Victoria to Cape Beale
	1897			1	36	70	0.91	6	Cape Beale to Cape Scott
	1897			1	36	70	4.54		Cape Beale to Cape Scott
	1898			1	2290	70	81.65	6	Fraser River
	1898			1	2290	70	90.72		Fraser River
	1898			1	2090	70	9.07		Rivers Inlet
	1898			1	2030	70	2.27		Nass River
	1898			1	2022	70	2.27	6	East Coast of QCI - Skidegate north)
	1898			1	2022	70	9.07		East Coast of QCI - Skidegate north)
	1898			1	2000	70	2.27	6	West Coast of QCI

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1898			1	2000	70	11.34		West Coast of QCI
	1898			1	34	70	0.91	6	Cape Scott VI to Comox
	1898			1	34	70	6.80		Cape Scott VI to Comox
	1898			1	35	70	22.68	6	Comox VI to Victoria
	1898			1	35	70	113.40		Comox VI to Victoria
	1898			1	36	70	1.81	6	Victoria to Cape Beale
	1898			1	36	70	4.54		Victoria to Cape Beale
	1898			1	36	70	3.63	6	Cape Beale to Cape Scott
	1898			1	36	70	9.07		Cape Beale to Cape Scott
	1899			1	2290	70	136.08	6	Fraser River
	1899			1	2290	70	113.40		Fraser River
	1899			1	2090	70	9.07		Rivers Inlet
	1899			1	2030	70	2.27		Nass River
	1899			1	2022	70	2.27	6	East Coast of QCI - Skidegate north)
	1899			1	2022	70	13.61		East Coast of QCI - Skidegate north)
	1899			1	2000	70	2.27	6	West Coast of QCI
	1899			1	2000	70	11.34		West Coast of QCI
	1899			1	34	70	0.91	6	Cape Scott VI to Comox
	1899			1	34	70	6.80		Cape Scott VI to Comox
	1899			1	35	70	22.68	6	Comox VI to Victoria
	1899			1	35	70	113.40		Comox VI to Victoria
	1899			1	36	70	1.81	6	Victoria to Cape Beale
	1899			1	36	70	4.54		Victoria to Cape Beale
	1899			1	36	70	3.63	6	Cape Beale to Cape Scott
	1899			1	36	70	9.07		Cape Beale to Cape Scott
	1900			1	2290	70	145.15	6	Fraser River
	1900			1	2290	70	204.12		Fraser River
	1900			1	2090	70	11.34		Rivers Inlet
	1900			1	2040	70	2.27		Skeena River
	1900			1	2030	70	2.27	6	Nass River
	1900			1	2030	70	2.27		Nass River
	1900			1	2022	70	2.27	6	East Coast of QCI - Skidegate north)
	1900			1	2022	70	13.61		East Coast of QCI - Skidegate north)
	1900			1	2000	70	2.27	6	West Coast of QCI
	1900			1	2000	70	11.34		West Coast of QCI
	1900			1	34	70	1.36	6	Cape Scott VI to Comox
	1900			1	34	70	11.34		Cape Scott VI to Comox
	1900			1	35	70	22.68	6	Comox VI to Victoria

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1900			1	35	70	158.76		Comox VI to Victoria
	1900			1	36	70	1.81	6	Victoria to Cape Beale
	1900			1	36	70	4.54		Victoria to Cape Beale
	1900			1	36	70	3.63	6	Cape Beale to Cape Scott
	1900			1	36	70	9.07		Cape Beale to Cape Scott
	1901			1	2290	70	149.69	6	Fraser River
	1901			1	2290	70	208.66		Fraser River
	1901			1	2090	70	4.54		Rivers Inlet
	1901			1	33	70	6.80		North Coast
	1901			1	2040	70	0.91	6	Skeena River
	1901			1	2040	70	2.27		Skeena River
	1901			1	2030	70	2.27	6	Nass (Naas) River
	1901			1	2030	70	2.27		Nass (Naas) River
	1901			1	31	70	3.63	6	Queen Charlotte Islands
	1901			1	31	70	13.61		Queen Charlotte Islands
	1901			1	34	70	1.36	6	Cape Scott VI to Comox
	1901			1	34	70	11.34		Cape Scott VI to Comox
	1901			1	35	70	2.27	6	Comox VI to Victoria
	1901			1	35	70	170.10		Comox VI to Victoria
	1901			1	36	70	1.81	6	Victoria to Cape Beale
	1901			1	36	70	6.80		Victoria to Cape Beale
	1901			1	36	70	3.63	6	Cape Beale to Cape Scott
	1901			1	36	70	9.07		Cape Beale to Cape Scott
	1902			1	2290	70	275.33	6	Fraser River
	1902			1	2290	70	218.27		Fraser River
	1902			1	2090	70	4.54		Rivers Inlet
	1902			1	33	70	31.75		North Coast
	1902			1	2040	70	1.36	6	Skeena River
	1902			1	2040	70	2.27		Skeena River
	1902			1	2030	70	1.81	6	Nass (Naas) River
	1902			1	2030	70	2.27		Nass (Naas) River
	1902			1	31	70	3.63	6	Queen Charlotte Islands
	1902			1	31	70	13.61		Queen Charlotte Islands
	1902			1	34	70	3.18	6	Cape Scott VI to Comox
	1902			1	34	70	34.02		Cape Scott VI to Comox
	1902			1	35	70	113.40	6	Nanaimo (Comox to Saanich)
	1902			1	35	70	377.58		Nanaimo (Comox to Saanich)
	1902			1	36	70	2.04	6	Victoria (Saanich to Cape Beale)

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1902			1	36	70	34.02		Victoria (Saanich to Cape Beale)
	1902			1	36	70	4.31	6	West Coast, VI
	1902			1	36	70	31.75		West Coast, VI
	1903			1	2290	70	363.14	6	Fraser River
	1903			1	2290	70	736.19		Fraser River
	1903			1	2090	70	4.54		Rivers Inlet
	1903			1	33	70	31.75		North Coast
	1903			1	2040	70	1.54	6	Skeena River
	1903			1	2040	70	2.27		Skeena River
	1903			1	2030	70	1.81	6	Nass (Naas) River
	1903			1	2030	70	2.27		Nass (Naas) River
	1903			1	31	70	3.63	6	Queen Charlotte Islands
	1903			1	31	70	13.61		Queen Charlotte Islands
	1903			1	2140	70	3.18	6	Comox, N.E. V.I.
	1903			1	2140	70	34.02		Comox, N.E. V.I.
	1903			1	2170	70	136.08	6	Nanaimo, E. V.I.
	1903			1	2170	70	705.35		Nanaimo, E. V.I.
	1903			1	2190	70	2.04	6	Victoria, S. V.I.
	1903			1	2190	70	34.02		Victoria, S. V.I.
	1903			1	36	70	4.26	6	West Coast, VI
	1903			1	36	70	32.66		West Coast, VI
	1904			1	2290	70	408.48	6	Fraser River
	1904			1	2290	70	1025.95		Fraser River
	1904			1	2140	70	3.18	6	Comox, N.E. V.I.
	1904			1	2140	70	36.29		Comox, N.E. V.I.
	1904			1	2170	70	146.97	6	Nanaimo, E. V.I.
	1904			1	2170	70	853.45		Nanaimo, E. V.I.
	1904			1	2190	70	6.80	6	Victoria, S. V.I.
	1904			1	2190	70	68.04		Victoria, S. V.I.
	1904			1	36	70	6.80	6	West Coast, VI
	1904			1	36	70	70.31		West Coast, VI
	1904			1	2090	70	6.80		Rivers Inlet
	1904			1	33	70	36.29		North Coast
	1904			1	2040	70	0.91	6	Skeena River
	1904			1	2040	70	1.81		Skeena River
	1904			1	2030	70	0.91	6	Nass (Naas) River
	1904			1	2030	70	2.72		Nass (Naas) River
	1904			1	31	70	4.54	6	Queen Charlotte Islands

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1904			1	31	70	18.14		Queen Charlotte Islands
	1905			1	2290	70	9.07	6	District One
	1905			1	2290	70	45.36		District One
	1905			1	2040	70	1.81	6	Skeena River
	1905			1	2040	70	1.81		Skeena River
	1905			1	2090	70	6.80		Rivers Inlet
	1905			1	2030	70	1.36	6	Nass (Naas) River
	1905			1	2030	70	3.18	6	Nass (Naas) River
	1905			1	33	70	36.29		North Coast
	1905			1	31	70	5.44	6	Queen Charlotte Islands
	1905			1	31	70	18.14		Queen Charlotte Islands
	1905			1	2170	70	62.14	6	Nanaimo
	1905			1	2170	70	1791.72		Nanaimo
	1905			1	2180	70	20.87	6	Cowichan
	1905			1	2180	70	3.63		Cowichan
	1905			1	2190	70	7.26	6	Victoria
	1905			1	2190	70	69.85		Victoria
	1905			1	2230	70	4.54	6	Alberni (Barkley Sound)
	1905			1	2230	70	12.93		Alberni (Barkley Sound)
	1905			1	2240	70	3.63	6	Clayoquot Sound
	1905			1	2240	70	13.61		Clayoquot Sound
	1905			1	2120	70	0.91	6	Alert Bay
	1905			1	2120	70	11.34		Alert Bay
	1905			1	2130	70	0.77	6	Quathiaska
	1905			1	2130	70	8.39		Quathiaska
	1905			1	2140	70	3.45	6	Comox
	1905			1	2140	70	12.70		Comox
	1905			1	2160	70	45.36	6	West Coast, Mainland
	1905			1	2160	70	3.40		West Coast, Mainland
	1906			1	2290	19	7.26	6	District One
	1906			1	2290	19	27.22		District One
	1906			1	2040	19	2.72	6	Skeena
	1906			1	2040	19	2.27		Skeena
	1906			1	2090	19	4.54		Rivers Inlet
	1906			1	2030	19	0.91	6	Nass (Naas) River
	1906			1	2030	19	2.72		Nass (Naas) River
	1906			1	33	19	40.82		North Coast
	1906			1	31	19	6.35	6	Queen Charlotte Islands

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1906			1	31	19	22.68		Queen Charlotte Islands
	1906			1	2170	19	62.60	6	Nanaimo
	1906			1	2170	19	3810.47		Nanaimo
	1906			1	2180	19	21.77	6	Cowichan
	1906			1	2180	19	4.08		Cowichan
	1906			1	2190	19	7.26	6	Victoria
	1906			1	2190	19	69.40		Victoria
	1906			1	2230	19	5.44	6	Alberni (Barkley Sound)
	1906			1	2230	19	13.15		Alberni (Barkley Sound)
	1906			1	2240	19	4.08	6	Clayoquot Sound
	1906			1	2240	19	14.29		Clayoquot Sound
	1906			1	2120	19	0.91	6	Alert Bay
	1906			1	2120	19	10.89		Alert Bay
	1906			1	2130	19	0.82	6	Quathiaska
	1906			1	2130	19	8.85		Quathiaska
	1906			1	2140	19	3.63	6	Comox
	1906			1	2140	19	13.15		Comox
	1906			1	2160	19	46.72	6	West Coast, Mainland
	1906			1	2160	19	3.86		West Coast, Mainland
	1907			1	2290	19	8.16	6	District One
	1907			1	2290	19	31.75		District One
	1907			1	2040	19	3.18	6	Skeena
	1907			1	2040	19	2.27		Skeena
	1907			1	2090	19	1.81		Rivers Inlet
	1907			1	2030	19	0.82	6	Nass (Naas) River
	1907			1	2030	19	1.36		Nass (Naas) River
	1907			1	33	19	45.36		North Coast
	1907			1	31	19	7.26	6	Queen Charlotte Islands
	1907			1	31	19	27.22		Queen Charlotte Islands
	1907			1	2170	19	63.50	6	Nanaimo
	1907			1	2170	19	8527.68		Nanaimo
	1907			1	2180	19	18.14	6	Cowichan
	1907			1	2180	19	3.63		Cowichan
	1907			1	2190	19	10.89	6	Victoria
	1907			1	2190	19	69.85		Victoria
	1907			1	2240	19	5.44	6	Clayoquot Sound
	1907			1	2240	19	12.93		Clayoquot Sound
	1907			1	2230	19	4.08	6	Alberni (Barkley Sound)

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1907			1	2230	19	14.52		Alberni (Barkley Sound)
	1907			1	2120	19	1.36	6	Alert Bay
	1907			1	2120	19	11.34		Alert Bay
	1907			1	2130	19	0.91	6	Quathiaska
	1907			1	2130	19	9.07		Quathiaska
	1907			1	2140	19	3.45	6	Comox
	1907			1	2140	19	12.70		Comox
	1907			1	2160	19	47.17	6	West Coast, Mainland
	1907			1	2160	19	4.08		West Coast, Mainland
	1908			1	2290	19	7.26	6	District No. 1
	1908			1	2290	19	22.68		District No. 1
	1908			1	2040	19	3.63	6	Skeena
	1908			1	2040	19	2.72		Skeena
	1908			1	2090	19	1.36		Rivers Inlet
	1908			1	2030	19	0.91	6	Nass (Naas) River
	1908			1	2030	19	0.91		Nass (Naas) River
	1908			1	33	19	602.38		North Coast
	1908			1	31	19	6.80	6	Queen Charlotte Islands
	1908			1	31	19	31.75		Queen Charlotte Islands
	1908			1	2170	19	90.72	6	Nanaimo
	1908			1	2170	19	19595.52		Nanaimo
	1908			1	2180	19	11.79	6	Cowichan
	1908			1	2180	19	3.86		Cowichan
	1908			1	2190	19	8.16	6	Victoria
	1908			1	2190	19	69.63		Victoria
	1908			1	2230	19	5.26	6	Alberni (Barkley Sound)
	1908			1	2230	19	13.61		Alberni (Barkley Sound)
	1908			1	2240	19	4.54	6	Clayoquot Sound
	1908			1	2240	19	14.29		Clayoquot Sound
	1908			1	2120	19	1.09	6	Alert Bay
	1908			1	2120	19	10.98		Alert Bay
	1908			1	2130	19	0.73	6	Quathiaska
	1908			1	2130	19	9.07		Quathiaska
	1908			1	2140	19	3.90	6	Comox
	1908			1	2140	19	13.38		Comox
	1908			1	2160	19	19.96	6	West Coast, Mainland
	1908			1	2160	19	4.08		West Coast, Mainland
	1909			1	2290	19	9.07	6	District One

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1909			1	2290	19	22.68		District One
	1909			1	2040	19	5.44	6	Skeena
	1909			1	2040	19	6.80		Skeena
	1909			1	2090	19	2.27		Rivers Inlet
	1909			1	2030	19	1.09	6	Nass
	1909			1	2030	19	4.54		Nass
	1909			1	33	19	68.04		North Coast
	1909			1	31	19	7.26	6	Queen Charlotte Islands
	1909			1	31	19	45.36		Queen Charlotte Islands
	1909			1	2170	19	31525.20	6	Nanaimo
	1909			1	2170	19	13.61	6	Nanaimo
	1909			1	2170	19	117.94	4	Nanaimo
	1909			1	2180	19	11.25	6	Cowichan
	1909			1	2180	19	3.63	4	Cowichan
	1909			1	2190	19	190.51	6	Victoria
	1909			1	2190	19	203.67	4	Victoria
	1909			1	2240	19	5.26	6	Clayoquot
	1909			1	2240	19	14.52	4	Clayoquot
	1909			1	2230	19	5.44	6	Alberni (Barkley Sound)
	1909			1	2230	19	14.06	4	Alberni (Barkley Sound)
	1909			1	2120	19	1.27	6	Alert Bay
	1909			1	2120	19	10.89	4	Alert Bay
	1909			1	2130	19	0.82	6	Quathiaska
	1909			1	2130	19	9.07	4	Quathiaska
	1909			1	2140	19	4.08	6	Comox
	1909			1	2140	19	13.61	4	Comox
	1909			1	2160	19	20.41	6	West Coast, Mainland
	1909			1	2160	19	5.44	4	West Coast, Mainland
	1910			1	2040	19	8.85		Skeena River
	1910			1	2090	19	1.91		Rivers Inlet
	1910			1	2030	19	4.08		Naas (Nass) River
	1910			1	33	19	525.63		North Coast
	1910			1	31	19	48.76		Queen Charlotte Islands
	1910			1	2120	19	10.66		Alert Bay (area 12)
	1910			1	2130	19	9.75		Quathiaska (Area 13)
	1910			1	2140	19	13.15		Comox (Area 14)
	1910			1	2160	19	1127.20		Mainland
	1910			1	2170	19	7970.98		Nanaimo (Area 17 - Nanaimo)

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1910			1	2180	19	6.58		Cowichan (Area 18 - Cowichan)
	1910			1	2190	19	125.96		Victoria (Area 19 - Saanich Peninsula)
	1910			1	2230	19	16.10		Alberni (Area 23 - Barkley Sound)
	1910			1	2240	19	13.61		Clayoquot (Area 24 - Clayoquot Sound)
	1910			1	2290	19	2599.54		District 1
	1911			1	2290	19	899.13		District One
	1911			1	2040	19	113.85		Skeena River
	1911			1	2090	19	4.08		Rivers Inlet
	1911			1	2030	19	9.53		Naas (Nass) River
	1911			1	33	19	997.92		North Coast
	1911			1	31	19	72.58		Queen Charlotte Islands
	1911			1	2170	19	20243.71		Nanaimo
	1911			1	2180	19	3.63		Cowichan
	1911			1	2190	19	81.65		Victoria
	1911			1	2240	19	480.82		Clayoquot
	1911			1	2230	19	417.31		Alberni (Barkley Sound)
	1911			1	2120	19	10.89		Alert Bay
	1911			1	2130	19	11.11		Quathiaska
	1911			1	2140	19	12.70		Comox
	1911			1	2160	19	1382.35		Mainland
	1912			1	2290	19	2122.85		District One
	1912			1	32	19	6319.10		Skeena River and Prince Rupert
	1912			1	2090	19	3.40		Rivers Inlet
	1912			1	2040	19	5.17		Naas (Nass) River
	1912			1	33	19	907.56		North Coast
	1912			1	31	19	330.22		Queen Charlotte Islands
	1912			1	2170	19	21230.97		Nanaimo
	1912			1	2180	19	49.90		Cowichan
	1912			1	2230	19	830.09		Alberni (Barkley Sound)
	1912			1	2240	19	489.89		Clayoquot
	1912			1	2270	19	480.82		Quatsino
	1912			1	2120	19	12.47		Alert Bay
	1912			1	2130	19	11.34		Quathiaska
	1912			1	2140	19	13.61		Comox
	1912			1	2160	19	285.77		Pender Harbour
	1913			1	2290	19	1338.21		District One
	1913			1	32	19	1937.33		Skeena River and Prince Rupert
	1913			1	2090	19	1.36		Rivers Inlet

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1913			1	2040	19	45.36		Naas (Nass) River
	1913			1	33	19	498.96		North Coast
	1913			1	31	19	340.20		Queen Charlotte Islands
	1913			1	2170	19	22968.49		Nanaimo
	1913			1	2180	19	54.43		Cowichan
	1913			1	2230	19	1889.24		Alberni (Barkley Sound)
	1913			1	2240	19	18.14		Clayoquot
	1913			1	2270	19	13.61		Quatsino
	1913			1	2120	19	16.33		Alert Bay
	1913			1	2130	19	31.75		Quathiaska
	1913			1	2140	19	15.88		Comox
	1913			1	2160	19	272.16		Pender Harbour
	1914			1	2290	19	1566.73		District One
	1914			1	32	19	2049.36		Skeena River and Prince Rupert
	1914			1	2040	19	45.36		Naas (Nass) River
	1914			1	33	19	181.44		North Coast
	1914			1	31	19	811.04		Queen Charlotte Islands
	1914			1	2170	19	17012.27		Nanaimo
	1914			1	2180	19	158.76		Cowichan
	1914			1	2230	19	3327.65		Alberni (Barkley Sound)
	1914			1	2240	19	11.11		Clayoquot
	1914			1	2270	19	16.42		Quatsino
	1914			1	2120	19	10.89		Alert Bay
	1914			1	2130	19	5.44		Quathiaska
	1914			1	2140	19	16.15		Comox
	1914			1	2160	19	343.47		Pender Harbour
	1915			1	2290	19	1321.16		District One
	1915			1	32	19	850.50		Skeena River and Prince Rupert
	1915			1	33	19	473.56		North Coast
	1915			1	2170	19	13802.19		Nanaimo
	1915			1	2180	19	33.02		Victoria Cowichan
	1915			1	2230	19	2391.61		Alberni (Barkley Sound)
	1915			1	2240	19	11.48		Clayoquot
	1915			1	2270	19	17.01		Quatsino
	1915			1	2130	19	9.39		Quathiaska
	1915			1	2160	19	2293.72		Pender Harbour
	1916			1	2290	29	1912.60		District One
	1916			1	2040	29	893.59		Prince Rupert

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1916			1	33	29	514.84		North Coast
	1916			1	2170	29	14551.26		Nanaimo
	1916			1	2180	29	24.68		Victoria Cowichan
	1916			1	2230	29	2318.85		Alberni (Barkley Sound)
	1916			1	2240	29	18.14		Clayoquot
	1916			1	2270	29	0.41		Quatsino
	1916			1	2120	29	0.27		Alert Bay
	1916			1	2130	29	0.50		Quathiaska
	1916			1	2140	29	0.41		Comox
	1916			1	2160	29	2264.37		Pender Harbour
	1917			1		29	2642.22		Fraser River & Howe Sound
	1917			1	274	29	902.66		Prince Rupert
	1917			1	33	29	386.83		North Coast
	1917			1	31	29	8.57		QCI
	1917			1		29	13785.77		Nanaimo
	1917			1		29	8.80		Cowichan & Saanich Peninsula
	1917			1		29	70.85		Clayoquot Sound
	1917			1		29	3304.48		Alberni (Barkley Sound)
	1917			1		29	0.23		Comox
	1917			1		29	990.84		Pender Harbour
	1918			1		29	4534.96		District 11
	1918			1		29	530.49		Skeena River & Prince Rupert
	1918			1	33	29	585.64		Addenbrooke Is to Lowe Inlet
	1918			1	36	29	2.54		Cape Scott to Estevan Pt
	1918			1	36	29	161.84		Estevan Pt to Wreck Bay (Florencia Bay)
	1918			1	36	29	10592.06		Wreck Bay (Florencia Bay) to Carmanah Point
	1918			1	35	29	55.66		Carmanah Point to South end Sidney Island
	1918			1	35	29	11876.79		Sydney Is to French River
	1918			1	35	29	550.76		Bute Inlet to Gower Point
	1919			1		29	2726.68		District 1 1
	1919			1		29	937.77		Skeena River District (Skeena)
	1919			1		29	0.23		Bella Coola & Kimsquit
	1919			1	33	29	112.58		Addenbrooke Is to Lowe Inlet
	1919			1	36	29	18152.26		Wreck Bay (Florencia Bay) to San Juan Harbour
	1919			1		29	31.12		Esquimalt Harbour to north side Cowichan Bay
	1919			1	35	29	3558.99		Cowichan Bay to & incl. Big Qualicum River
	1919			1	35	29	210.29		Bute Inlet to Gower Point
	1920			1		29	1024.36		District 1

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1920			1		29	929.88		Skeena River District (Skeena)
	1920			1	33	29	366.51		Addenbrooke Is to Lowe Inlet
	1920			1	36	29	29011.30		Wreck Bay (Florencia Bay) to San Juan Harbour
	1920			1		29	82.65		Esquimalt Harbour to north side Cowichan Bay
	1920			1	35	29	13875.62		Cowichan Bay to & incl. Big Qualicum River
	1920			1	35	29	131.23		Bute Inlet to Gower Point
	1921			1		29	976.65		District 1
	1921			1		29	1619.81		Skeena Rover District (Skeena)
	1921			1	33	29	291.21		Addenbrooke Is to Lowe Inlet
	1921			1	36	29	21283.82		Wreck Bay (Florencia Bay) to San Juan Harbour
	1921			1	35	29	48.40		San Juan Harbour to Crofton
	1921			1		29	18323.13		Crofton to Big Qualicum River
	1921			1	35	29	316.11		Bute Inlet to Gower Point
	1922			1		29	734.06		District 1
	1922			1		29	1837.90		Skeena Rover District (Skeena)
	1922			1	36	29	19530.56		Wreck Bay (Florencia Bay) to San Juan Harbour
	1922			1	35	29	66.09		San Juan Harbour to Crofton
	1922			1		29	23065.92		Crofton to Big Qualicum River
	1922			1	35	29	239.73		Bute Inlet to Gower Point
	1923			1		29	578.52		District 1
	1923			1		29	1876.09		Skeena River District (Skeena)
	1923			1	33	29	762.41		Addenbrooke Is to Lowe Inlet
	1923			1	36	29	145.83		Tatchu Pt to & Incl. Wreck Bay
	1923			1	36	29	29154.91		Wreck Bay (Florencia Bay) to San Juan Harbour
	1923			1	35	29	72.98		San Juan Harbour to Crofton
	1923			1		29	14230.11		Crofton to Big Qualicum River
	1923			1	35	29	164.07		Bute Inlet to Gower Point
	1924			1		29	781.10		District 1
	1924			1		29	1227.71		Skeena River District (Skeena)
	1924			1	33	29	818.93		Addenbrooke Is to Lowe Inlet
	1924			1	36	29	842.24		Tatchu Pt to & Incl. Wreck Bay
	1924			1	36	29	32114.93		Wreck Bay (Florencia Bay) to San Juan Harbour
	1924			1	35	29	114.40		San Juan Harbour to north side Cowichan Bay
	1924			1	35	29	16489.00		North Side Cowichan Bay to Big Qualicum River
	1924			1	35	29	121.56		Bute Inlet to Gower Point
	1925			1		29	613.36		District 1
	1925			1		29	1481.23		Skeena River District (Skeena)
	1925			1	33	29	500.87		Addenbrooke Is to Lowe Inlet

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1925			1	36	29	28179.49		Wreck Bay (Florencia Bay) to San Juan Harbour
	1925			1	35	29	277.47		San Juan Harbour to north side Cowichan Bay
	1925			1	35	29	33932.91		North Side Cowichan Bay to Big Qualicum River
	1925			1		29	76.20		Adams River to Cape Scott with surrounding district
	1925			1	35	29	160.48		Bute Inlet to Gower Point
	1926			1		29	1382.03		District 1
	1926			1		29	1845.47		Skeena River District (Skeena)
	1926			1	33	29	69.22		Addenbrooke Is to Lowe Inlet
	1926			1	36	29	1741.82		Cape Scott to Tatchu Pt
	1926			1	36	29	19759.00		Wreck Bay (Florencia Bay) to San Juan Harbour
	1926			1	35	29	170.42		San Juan Harbour to north side Cowichan Bay
	1926			1	35	29	34030.98		North Side Cowichan Bay to Big Qualicum River
	1926			1	35	29	23.90		Bute Inlet to Gower Point
	1927			1		29	3107.89		District 1
	1927			1		29	3570.47		Prince Rupert & Skeena River District
	1927			1	33	29	390.78		Addenbrooke Is to Lowe Inlet
	1927			1	36	29	5155.16		Cape Scott to Tatchu Pt
	1927			1	36	29	7714.83		Tatchu Pt to & Incl. Wreck Bay
	1927			1	36	29	27071.80		Wreck Bay (Florencia Bay) to San Juan Harbour
	1927			1	35	29	157.76		San Juan Harbour to north side Cowichan Bay
	1927			1	35	29	31005.01		North Side Cowichan Bay to Big Qualicum River
	1927			1	35	29	38.10		Bute Inlet to Gower Point
	1928			1		29	3632.20		Vancouver & New Westminster Disctrict (Fraser River)
	1928			1	274	29	1443.45		Prince Rupert (PR Harbour)
	1928			1	32	29	4279.26		Prince Rupert to Ogden Channel (incl. Skeena River)
	1928			1		29	517.56		Wright Sound, Douglas Channel, Gardiner Canal, Butedale to Swanson Bay
	1928			1	99	29	6.53		Skidegate Inlet, QCI
	1928			1		29	5464.75		Cape Cook to Tatchu Pt, incl. Kyuquot Sound
	1928			1		29	1317.71		Tatchu Pt to Estevan Pt incl. Esperanza Inlet & Nootka Sound
	1928			1	36	29	10922.87		Wreck Bay (Florencia Bay) to San Juan Harbour (excluding Port Alberni)
	1928			1		29	11.79		San Juan Harbour to Victoria
	1928			1	1062	29	16.87		Victoria
	1928			1		29	37.20		Victoria to Separation Point
	1928			1		29	34743.08		Separation Pt to Nanaimo
	1928			1	2172	29	7113.49		Nanaimo & Coast to French Creek
	1928			1	34	29	0.45		From Oyster River to Adam River & incl. Mainland waters

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
									opposite
	1928			1	2160	29	125.74		Grief Point to Gower Point Including Pender Harbour
	1929			1		29	5211.73		Vancouver & New Westminster Disctrict (Fraser River)
	1929			1	274	29	5156.89		Prince Rupert (PR Harbour)
	1929			1	32	29	393.36		Prince Rupert to Ogden Channel (incl. Skeena River)
	1929			1		29	165.65		Wright Sound, Douglas Channel, Gardiner Cana, Butedale to Swanson Bay
	1929			1	31	29	47.63		Moresby Is, QCI, except Skidegate Inlet
	1929			1		29	80.29		Cape Scott to Cape Cook incl. Quatsino Sound
	1929			1		29	1775.39		Cape Cook to Tatchu Pt, incl. Kyuquot Sound
	1929			1		29	284.45		Tatchu Pt to Estevan Pt incl. Esperanza Inlet & Nootka Sound
	1929			1	36	29	6765.99		Wreck Bay (Florencia Bay) to San Juan Harbour (excluding Port Alberni)
	1929			1		29	80.74		San Juan Harbour to Victoria
	1929			1	1062	29	57.29		Victoria
	1929			1		29	4541.85		Victoria to Separation Point
	1929			1		29	29757.34		Separation Pt to Nanaimo
	1929			1	2172	29	5201.11		Nanaimo & Coast to French Creek
	1929			1		29	73.48		Adam River to but not incl. Alert Bay & incl. Mainland waters opposite
	1929			1	2160	29	85.46		Grief Point to Gower Point Including Pender Harbour
	1930			1		29	2382.22		District 1
	1930			1		29	14.06		Massett Inlet, northern Graham Island & QCI
	1930			1		29	6933.87		Skeena River incl. Prince Rupert & upper Skeena
	1930			1		29	192.24		Butedale incl Gardiner Canal
	1930			1		29	46.31		Bella Bella & Fitz Hugh Sound
	1930			1	34	29	27370.22		French Creek to Shoal Harbour
	1930			1		29	4036.72		Shoal Harbour to Sambrio Pt, incl Victoria
	1930			1		29	11763.07		Barclay Sound & Port Alberni
	1930			1		29	654.77		Estevan Point to Tatchu Point, incl Nootka Sound
	1930			1		29	1739.33		Tatchu Pt to Cape Cook, incl Kyuquot Sound
	1930			1		29	295.38		Cape Cook to Cape Scott, incl Quatsino Sound
	1931			1		29	349.27		District 1
	1931			1		29	42.64		Massett Inlet, northern Graham Island & QCI
	1931			1	31	29	9.07		Southern QCI, incl Skidegate Inlet
	1931			1		29	7729.89		Skeena River incl Prince Rupert & Upper Skeena
	1931			1		29	34.75		Butedale incl Gardiner Canal
	1931			1		29	23.68		Rivers Inlet

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
	1931			1	34	29	323.87		Cape Scott to Tuna Pt, incl all waters bet Vancouver Is and Mainland
	1931			1	35	29	63.59		Mainland water from George Pt to Gower Pt
	1931			1	34	29	38615.78		French Creek to Shoal Harbour, incl Nanaimo
	1931			1		29	49.67		Shoal Harbour to Sambrio Pt, incl Victoria
	1931			1		29	5792.79		Barclay Sound & Port Alberni
	1931			1	36	29	340.20		Wreck Bay (Florencia Bay) to Estevan Pt, incl Clayoquot Sound
	1931			1	2250	29	9276.12		Estevan Pt to Tatchu Pt, incl Nootka Sound
	1931			1		29	4337.78		Tatchu Pt to Cape Cook, incl Kyuquot Sound
	1931			1		29	192.24		Cape Cook to Cape Scott, incl Quatsino Sound
	1932			1		29	440.76		District 1
	1932			1		29	2450.94		Skeena River incl Prince Rupert & Upper Skeena
	1932			1		29	256.47		Rivers Inlet
	1932			1	35	29	17.46		Mainland water from George Pt to Gower Pt
	1932			1	34	29	12494.91		French Creek to Shoal Harbour, incl Nanaimo
	1932			1		29	465.58		Shoal Harbour to Sambrio Pt, incl Victoria
	1932			1		29	4990.87		Barclay Sound & Port Alberni
	1932			1	36	29	435.46		Wreck Bay (Florencia Bay) to Estevan Pt, incl Clayoquot Sound
	1932			1		29	23901.09		Estevan Pt to Tatchu Pt, incl Nootka Sound
	1932			1		29	51.80		Cape Cook to Cape Scott, incl Quatsino Sound
19334	1933			1	2040	29	2449.44		Area 4 (Skeena Includes Pearl Harbour, Butler Cove, Japan Inlet, Prince Rupert Harbour)
19334	1933			1	995	29	181.44		Section 172 - Nanoose - Nanoose Bay
19334	1933			1	2173	29	5896.80		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19334	1933			1	2181	29	19504.80		Area 18 (Cowichan - Swanson & Satellite)
19334	1933			1	2230	29	18144		Area 23 (Barkley Sound Including Imperial Eagle)Middle) Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19334	1933			1	2240	29	544.32		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19334	1933			1	2260	29	997.92		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19334	1933			1	2270	29	1088.64		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
									Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19334	1933			1	2290	19	317.52		District 1
19345	1934			1	2042	29	4898.88		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19345	1934			1	995	29	907.20		Section 172 - Nanoose - Nanoose Bay
19345	1934			1	2181	29	14243.04		Area 18 (Cowichan - Swanson & Satellite)
19345	1934			1	2230	29	6350.40		Area 23 (Barkley Sound)
19345	1934			1	2290	19	616.90		District 1
19356	1935			1	2042	29	4082.40		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19356	1935			1	2180	29	15513.12		Area 18 (Cowichan)
19356	1935			1	2230	29	12065.76		Area 23 (Barkley Sound Including Imperial Eagle)Middle) Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19356	1935			1	2250	29	2812.32		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19356	1935			1	2260	29	7620.48		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19356	1935			1	2290	19	1678.32		District 1
19367	1936			1	2042	29	9979.20		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19367	1936			1	2060	29	90.72		Area 6 (Butedale)
19367	1936			1	590	29	15876.00		Area 8 (Bella Coola - Cousins Inlet)
19367	1936			1	2090	29	1542.24		Area 9 (Rivers Inlet)
19367	1936			1	2173	29	6622.56		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19367	1936			1	2181	29	15785.28		Area 18 (Cowichan - Swanson & Satellite)
19367	1936			1	2230	29	[illegible]		Area 23 (Barkley Sound Including Imperial Eagle Ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19367	1936			1	2240	29	3447.36		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19367	1936			1	2250	29	4808.16		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
									Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19367	1936			1	2260	29	9072.00		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19367	1936			1	2270	29	1542.24		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19367	1936			1	2290	19	308.45		District 1
19378	1937			1	51	29	90.72		Area 1 (North Coast QCI - Langara Island)
19378	1937			1	2020	29	90.72		Area 2 (East Coast QCI - Scudder Point, Copper Island and Selwyn Inlet, and Inskip and Moore Channels)
19378	1937			1	2042	29	14515.20		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19378	1937			1	368	29	5896.80		Area 6 (Butedale - Surf Inlet)
19378	1937			1	590	29	12882.24		Area 8 (Bella Coola - Cousins Inlet)
19378	1937			1	2090	29	5171.04		Area 9 (Rivers Inlet)
19378	1937			1	2181	29	22770.72		Area 18 (Cowichan - Swanson & Satellite)
19378	1937			1	2230	29	13698.72		Area 23 (Barkley Sound Including Imperial Eagle Ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19378	1937			1	2240	29	181.44		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19378	1937			1	2250	29	3447.36		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19378	1937			1	2260	29	5533.92		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19378	1937			1	2270	29	4626.72		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19378	1937			1	2290	19	18.14		District 1
19389	1938			1	51	29	362.88		Area 1 (North Coast QCI - Langara Island)
19389	1938			1	2024	29	2086.56		Area 2 (East Coast QCI - Lagoon, Sewell, Selwyn, Dana, Richardson, Atli and Bigsby Inlets, Darwin Sound)
19389	1938			1	2042	29	17418.24		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
19389	1938			1	2060	29	8890.56		Area 6 (Butedale - Laredo, Kent and Thistle)
19389	1938			1	530	29	30481.92		Area 7 (Bella Bella- Klemtu)
19389	1938			1	602	29	181.44		Area 8 (Bella Coola Kwakshua)
19389	1938			1	628	29	272.16		Area 9 (Rivers Inlet- Safety Cove)
19389	1938			1	995	29	907.20		Section 172 - Nanoose - Nanoose Bay
19389	1938			1	2173	29	10886.40		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19389	1938			1	2181	29	12065.76		Area 18 (Cowichan - Swanson & Satellite)
19389	1938			1	2230	29	5715.36		Area 23 (Barkley Sound Including Imperial Eagle ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19389	1938			1	2240	29	635.04		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19389	1938			1	2250	29	1995.84		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19389	1938			1	2260	29	725.76		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19389	1938			1	2270	29	4626.72		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19389	1938			1	2290	19	553.39		District 1
19390	1939			1	2020	29	7076.16		Area 2 (East Coast QCI - Lagoon, Sewell, Selwyn, Dana, Richardson, Atli and Bigsby Inlets, Darwin Sound, skaat harbour, Burnaby strait, Huston Inlet)
19390	1939			1	2030	29	907.20		Area 3 (Nass north of Wales Pass)
19390	1939			1	2042	29	18053.28		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19390	1939			1	2060	29	34564.32		Area 6 (Butedale - Laredo, Kent, Thistle Pass, Sawnson Bay)
19390	1939			1	2070	29	17690.40		Area 7 (Bella Bella - Klemtu Pass and Jackson Pass)
19390	1939			1	2080	29	90.72		Area 8 (Bella Coola - Cousins Inlet, Fitzhugh Sound, Kwakshua)
19390	1939			1	2120	29	7801.92		Area 12 (Alert Bay - Belleisle Sound, Retreat and Crammer Passages, Lower Knight Inlet, Simoon Sound, Clio Ch)
19390	1939			1	2132	29	10342.08		Area 13 (Quathiaski - Deepwater Bay and Okisollo Chi)
19390	1939			1	995	29	5443.20		Section 172 - Nanoose - Nanoose Bay

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
19390	1939			1	2173	29	9072.00		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19390	1939			1	2181	29	14787.36		Area 18 (Cowichan - Swanson & Satellite)
19390	1939			1	2230	29	6259.68		Area 23 (Barkley Sound Including Imperial Eagle ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19390	1939			1	2250	29	3538.08		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19390	1939			1	2260	29	3810.24		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19390	1939			1	2270	29	1360.80		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19390	1939			1	2290	19	226.80		District 1
19401	1940			1	2020	29	5715.36		Area 2 (East Coast QCI - Lagoon, Sewell, Selwyn, Dana, Richardson, Atli and Bigsby Inlets, Darwin Sound, skaat harbour, Burnaby strait, Huston Inlet)
19401	1940			1	2032	29	5171.04		Area 3 (Nass including union Bay and Wark Ch)
19401	1940			1	2060	29	6713.28		Area 6 (Butedale - Aatanhash Inlet, Laredo Inlet)
19401	1940			1	2070	29	1451.52		Area 7 (Bella Bella - Klemtu Pass, Lama Pass)
19401	1940			1	2090	29	272.16		Area 9 (Rivers Inlet- Rivers Inlet)
19401	1940			1	636	29	1179.36		Area 10 (Smith Sound - Smith Inlet)
19401	1940			1	2120	29	9253.44		Area 12 (Alert Bay - greenway, Mackenzie and Grappler Sounds, Retreat and Crammer Passages, Simoon Sound, Lower Knight Inlet and Clio Ch, Upper Knight Inlet, Belleisle Sound, Seymour Inlet, Nugent Sound)
19401	1940			1	2132	29	4263.84		Area 13 (Quathiask - Deepwater Bay and Okisollo Chi)
19401	1940			1	995	29	3175.20		Section 172 - Nanoose - Nanoose Bay
19401	1940			1	2160	29	453.60		Area 16 (Pender Harbour - Jarvis Inlet, Princess Louis and Sechelt Inlet)
19401	1940			1	2173	29	3991.68		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19401	1940			1	2181	29	21772.80		Area 18 (Cowichan - Swanson & Satellite)
19401	1940			1	2230	29	12156.48		Area 23 (Barkley Sound Including Imperial Eagle Ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
19401	1940			1	2240	29	816.48		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19401	1940			1	2250	29	5261.76		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19401	1940			1	2260	29	4445.28		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19401	1940			1	2270	29	90.72		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19401	1940			1	2290	19	90.72		District 1
19412	1941			1	2020	29	2268.00		Area 2 (East Coast QCI - Lagoon, Sewell, Selwyn, Dana, Richardson, Atli and Bigsby Inlets, Darwin Sound, skaat harbour, Burnaby strait, Huston Inlet)
19412	1941			1	2032	29	17146.08		Area 3 (Nass mostly Khutzymateen)
19412	1941			1	420	29	9979.20		Area 6 (Butedale - Laredo Inlet)
19412	1941			1	2070	29	816.48		Area 7 (Bella Bella)
19412	1941			1	608	29	544.32		Area 8 (Bella Coola - Kwatna)
19412	1941			1	2090	29	272.16		Area 9 (Rivers Inlet includes Fish Egg Inlet)
19412	1941			1	2120	29	2721.60		Area 12 (Alert Bay- Greenway, Mackenzie and Grappler Sounds, Retreat and Crammer Passages, Simoon Sound, Lower Knight Inlet and Clio Ch, Upper Knight Inlet, Seymour Inlet, Nugent Sound)
19412	1941			1	2132	29	7620.48		Area 13 (Quathiask - Deepwater Bay and Okisollo Chi)
19412	1941			1	995	29	22680.00		Section 172 - Nanoose - Nanoose Bay
19412	1941			1	2173	29	90.72		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19412	1941			1	2181	29	21682.08		Area 18 (Cowichan - Swanson & Satellite)
19412	1941			1	2230	29	2086.56		Area 23 (Barkley Sound Including Imperial Eagle ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19412	1941			1	2240	29	997.92		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19412	1941			1	2250	29	4536.00		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
									Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19412	1941			1	2260	29	5171.04		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19412	1941			1	2270	29	2721.60		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19412	1941			1	2290	19	63.50		District 1
19423	1942			1	2060	29	1905.12		Area 6 (Butedale)
19423	1942			1	2070	29	90.72		Area 7 (Bella Bella)
19423	1942			1	2090	29	2449.44		Area 9 (Rivers Inlet - Rivers Inlet)
19423	1942			1	2120	29	2812.32		Area 12 (Alert Bay - Knight Inlet and Clio CH)
19423	1942			1	2132	29	2812.32		Area 13 (Quathiask - Deepwater Bay and Okisollo Chi)
19423	1942			1	817	29	7076.16		Area 14 (Comox - Deep Bay)
19423	1942			1	995	29	21228.48		Section 172 - Nanoose - Nanoose Bay
19423	1942			1	2173	29	272.16		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19423	1942			1	2181	29	18325.44		Area 18 (Cowichan - Swanson & Satellite)
19423	1942			1	2230	29	816.48		Area 23 (Barkley Sound Including Imperial Eagle Ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19423	1942			1	2240	29	2358.72		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19423	1942			1	2250	29	3265.92		Area 25 (Nootka Sound including Nootka Sound, Cook Ch, Eliza Pass, Ewin Inlet, Kings Pass, Tahsis Inlet, Esperanze Inlet, Queen Cove, Nuchatlitz Inlet, Mary Basin, Inner Basin)
19423	1942			1	2260	29	5624.64		Area 26 (Kyuquot Sound Including Kyuquot Sound, Crawther Ch (Blind Entrance), Amai (Deep) Inlet, Nicolaye Ch, Ououkinsh Inlet, Malkscope Inlet)
19423	1942			1	2270	29	3175.2		Area 27 (Quatsino Sound including Quatsino Sound, vicinity of Drake (Limestone) Island, Neroutsos Inlet, (Southest Arm), Forward Inlet, Klaskish Inlet)
19423	1942			1	2290	19	208.66		District 1
19434	1943			1	2030	29	272.16		Area 3 (Nass includes Khutzymateen and Union Bay)
19434	1943			1	420	29	725.76		Area 6 (Butedale - Laredo)
19434	1943			1	602	29	33657.12		Area 7 (Bella Bella - Kwakshua Pass)
19434	1943			1	2120	29	2449.44		Area 12 (Alert Bay - Knight Inlet and Clio CH)

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
19434	1943			1	2132	29	4173.12		Area 13 (Quathiask - Deepwater Bay and Okisollo Chi)
19434	1943			1	817	29	907.20		Area 14 (Comox - Deep Bay)
19434	1943			1	995	29	15785.28		Section 172 - Nanoose - Nanoose Bay
19434	1943			1	2173	29	8709.12		Section 173 - Yellow Point - Nanaimo, Porlier Pass, Trincomali Ch
19434	1943			1	2181	29	13970.88		Area 18 (Cowichan - Swanson & Satellite)
19434	1943			1	2230	29	3810.24		Area 23 (Barkley Sound Including Imperial Eagle Ch, Middle Ch, Vernon Bay, Useless Inlet, Effingham Inlet, Junction Pass, Rainy Bay, Uchucklesit Inlet, Sechart Ch)
19434	1943			1	2240	29	4445.28		Area 24 (Clayoquot Sound including Sydney Inlet, Shelter Arm, Refuge Cove (Hotsprings Cove), Matilda Inlet, Hesquait Harbour)
19434	1943			1	2290	19	244.94		District 1
19445	1944			1	314	29	1179.36		Area 5 (Grenville-Principe - Hevenor Inlet)
19445	1944			1	2060	29	31933.44		Area 6 (Butedale including Surf Inlet, Helmeken Inlet, Laredo CH, Kent Inlet, Thistle Pass, Aaltanhash Inlet, Meyers Pass, Racey Inlet)
19445	1944			1	2073	29	2177.28		Area 7 (Bella Bella including Bella Bella, Lama Pass and Fish Egg Inlet)
19445	1944			1	2080	29	1179.36		Area 8 (Bella Coola including Cousins Inlet and Bella Coola)
19445	1944			1	615	29	453.60		Area 9 (Rivers Inlet - Moses Inlet)
19445	1944			1	2120	29	7166.88		Area 12 (Alert Bay including Knight Inlet, Clio CH, Grappler Sound, Crammer & Retreat Pass, Christie & Browning Pass)
19445	1944			1	2132	29	4354.56		Area 13 (Quathiaski - Deepwater Bay, Granite Bay)
19445	1944			1	995	29	453.60		Section 172 - Nanoose - Nanoose Bay
19445	1944			1	2173	29	12337.92		Section 173 - Yellow Point includes Trincomali and Porlier Pass
19445	1944			1	2181	29	23042.88		Area 18 (Cowichan includes Swanson and Satellite Ch)
19445	1944			1	2230	29	5352.48		Area 23 (Barkley Sound)
19445	1944			1	2240	29	5533.92		Area 24 (Clayoquot Sound includes Sydney Inlet, Hesquiat Harbour)
19445	1944			1	2250	29	7348.32		Area 25 (Nootka Sound includes Esperanza, Nootka sound)
19445	1944			1	2260	29	181.44		Area 26 (Kyuquot Sound)
19445	1944			1	2270	29	90.72		Area 27 (Quatsino Sound)
19445	1944			1	2290	29	444.53		District 1
19456	1945			1	2050	29	1451.52		Area 5 (Grenville-Principe mostly Hevenor Inlet)
19456	1945			1	2060	29	11702.88		Area 6 (Butedale includes Tolmie CH, Chappel Inlet, Racey and Surf Inlet, Helmcken Inlet, Green Inlet, Commando Inlet,

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
									Meyers Pass)
19456	1945			1	2073	29	90.72		Area 7 (Bella Bella includes Lama Pass, Bella Bella vicinity)
19456	1945			1	2112	29	181.44		Area 11 (Seymour-Belize include Nugent Sound and vicinity)
19456	1945			1	2120	29	6259.68		Area 12 (Alert Bay includes Port Hardy, Clio Ch, Bones Bay, Knight Inlet, Belleisle Sound, Mackenzie Sound, Grappler Sound, Thompson Sound)
									Area 13 (Quathiaski includes Deepwater Bay and Granite Bay)
19456	1945			1	2132	29	5171.04		Section 172 - Nanoose - Nanoose Bay
19456	1945			1	995	29	5896.80		Section 173 - Yellow Point in includes Trincomali and vicinity
19456	1945			1	2173	29	3628.80		Area 18 (Cowichan includes Swanson and Satellite Ch vicinity)
19456	1945			1	2181	29	26762.40		Area 23 (Barkley Sound)
19456	1945			1	2230	29	19323.36		Area 24 (Clayoquot Sound - Sydney Inlet)
19456	1945			1	1205	29	4173.12		Area 25 (Nootka Sound includes Esperanza Inlet and Kendrick Arm)
19456	1945			1	2250	29	997.92		Area 26 (Kyuquot Sound - Crowther Ch)
									Area 27 (Quatsino Sound - Klaskish Inlet)
19456	1945			1	1288	29	272.16		District 1
19456	1945			1	1311	29	181.44		Area 3 (Nass - Wark Ch)
19456	1945			1	2290	29	263.09		Area 5 (Grenville-Principe - includes Kitkatlah, Willis Bay)
19467	1946			1	198	29	725.76		Area 6 (Butedale includes Swanson Bay, Surf Inlet, Laredo Inlet and Klemtu Pass)
19467	1946			1	2052	29	3175.20		Area 7 (Bella Bella includes area around Campbell Island)
19467	1946			1	2060	29	5261.76		Area 12 (Alert Bay includes Knight Inlet, Clio Ch, Bones Bay, Belleisle Sound, Mackenzie Sound, Grappler Sound, Port Hardy, Retreat and Cramer Pass)
									Area 13 (Quathiaski - Deepwater Bay)
19467	1946			1	2070	29	2721.60		Area 14 (Comox includes Lambert Ch, Baynes Sound, Deep Bay)
19467	1946			1	2120	29	6804.00		Section 172 - Nanoose - Nanoose Bay
									Section 173 - Yellow Point includes Porlier Pass, Walker Rock
19467	1946			1	766	29	4536.00		Area 18 (Cowichan includes Swanson and Satellite Ch)
19467	1946			1	2142	29	2721.60		Area 23 (Barkley Sound includes Mayne Bay, Sechart Ch, Peacock Ch)
19467	1946			1	995	29	2721.60		Area 24 (Clayoquot Sound includes Sydney Inlet, refuge Cove (Hotsprings Cove))
19467	1946			1	2173	29	1360.80		Area 25 (Nootka Sound - Esperanza, Nootka Sound, Espinosa Inlet)
19467	1946			1	2181	29	29030.40		District 1
19467	1946			1	2232	29	25401.60		
19467	1946			1	2243	29	8164.80		
19467	1946			1	2250	29	19958.40		
19467	1946			1	2290	29	217.73		

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
19478	1947			1	2050	29	35380.80		Area 5 (Grenville-Principe- Beaver Creek, Ogden Ch)
19478	1947			1	2078	29	2268.00		Area 7 (Bella Bella - Klemtu, Poison Cove amd Aaltanhash)
19478	1947			1	2070	29	17236.80		Area 7 (Bella Bella - Bardswell Group, Thompson Bay, Boddy Pass, Raymond Ch, Cultus Sound, Nalau Pass, Safety Cove)
19478	1947			1	2080	29	4536.00		Area 8 (Bella Coola - S. Bentinck Arm, Kimsquit near Dean Ch)
19478	1947			1	2090	29	1632.96		Area 9 (Rivers Inlet - Moses Inlet, Rivers Inlet, Drainey Inlet)
19478	1947			1	636	29	181.44		Area 10 (Smith Sound - Smith Inlet)
19478	1947			1	767	29	90.72		Area 11 (Seymour-Belize - Seymour Inlet)
19478	1947			1	2120	29	6622.56		Area 12 (Alert Bay - Belleisle Sound, Bones Bay, Clio Ch, Knight Inlet, Mackenzie Sound, Turnbull Cove, Thompson Sound, Retreat Pass, Cramer Pass)
19478	1947			1	766	29	5443.20		Area 13 (Quathiaski - Deepwater Bay)
19478	1947			1	142	29	5261.76		Area 14 (Comox - Baynes Sound)
19478	1947			1	995	29	8527.68		Section 172 - Nanoose - Nanoose Bay
19478	1947			1	2173	29	7439.04		Section 173 - Yellow Point - Porlier Pass, Walker Rock, Montague Harbour
19478	1947			1	2181	29	20230.56		Area 18 (Cowichan - Swanson and Satellite Ch)
19478	1947			1	2230	29	22680.00		Area 23 (Barkley Sound- Sechart Ch, Middle Ch, Effingham Inlet, Mayne Bay)
19478	1947			1	1182	29	272.16		Area 24 (Clayoquot Sound - entrance to Matilda Creek)
19478	1947			1	2250	29	16057.44		Area 25 (Nootka Sound - Queens Cove, Nootka Sound, Tahsis In, Port Eliza, Espinosa Inlet, Esperanze Inlet)
19478	1947			1	2260	29	1995.84		Area 26 (Kyuquot Sound - Crowther Ch, Kyuquot Sound, Ououkinsh Inlet, Galiano Island)
19489	1948			1	275	29	16148.16		Area 4 (Skeena - Edye Pass)
19489	1948			1	2078	29	8255.52		Area 7 (Bella Bella - Klemtu, David Bay, Poison Cove, and Laredo Sound)
19489	1948			1	2080	29	47355.84		Area 8 (Bella Coola - Kwakshua Pass, Nalau Pass)
19489	1948			1	2083	29	635.04		Area 8 (Bella Coola- Bella Coola area, S. Bentnick Arm
19489	1948			1	2090	29	453.60		Area 9 (Rivers Inlet- Moses Inlet, Draney Inlet)
19489	1948			1	636	29	181.44		Area 10 (Smith Sound - Smith Inlet)
19489	1948			1	2120	29	1632.96		Area 12 (Alert Bay- Clio Ch, Bones Bay, Belleisle Sound, Knight Inlet, Mackenzie Sound, Retreat Pass, Cramer Pass)
19489	1948			1	766	29	5171.04		Area 13 (Quathiaski - Deepwater Vicinity)
19489	1948			1	2142	29	7620.48		Area 14 (Comox - Baynes Sound, north end Hornby Is @ Lambert CH entrance))
19489	1948			1	995	29	22952.16		Section 172 - Nanoose- Nanoose Bay

Appendix Table 1 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tonnes)	Disposal	AreaName
19489	1948			1	937	29	13063.68		Section 173 - Yellow Point - vicinity of Walker Rock
19489	1948			1	2181	29	362.88		Area 18 (Cowichan - Swanson and Active Pass)
19489	1948			1	2230	29	19776.96		Area 23 (Barkley Sound - Effingham Inlet, Barkley Sound area)
19489	1948			1	2253	29	29121.12		Area 25 (Nootka Sound - Esperanze Inlet, Port Eliza, Espinosa Inlet)
19489	1948			1	1303	29	1814.40		Area 26 (Kyuquot Sound - Ououkinsh))
19490	1949			1	2043	29	35743.68		Area 4 (Skeena- Edye Pass, Butler Cove)
19490	1949			1	299	29	816.48		Area 5 (Grenville-Principe - Ogden Ch)
19490	1949			1	2066	29	25038.72		Area 6 (Butedale - Surf, Racey and Helmcken Inlet)
19490	1949			1	602	29	11702.88		Area 7 (Bella Bella - Kwakshua)
19490	1949			1	615	29	907.20		Area 9 (Rivers Inlet - Moses Inlet)
19490	1949			1	2123	29	8164.80		Area 12 (Alert Bay - Clio Ch, Bones Bay)
19490	1949			1	766	29	3175.20		Area 13 (Quathiaski - Deepwater Bay)
19490	1949			1	818	29	10251.36		Area 14 (Comox - Baynes Sound)
19490	1949			1	995	29	23224.32		Section 172 - Nanoose - Nanoose Bay
19490	1949			1	938	29	13335.84		Section 173 - Yellow Point - Trincomali
19490	1949			1	2233	29	27125.28		Area 23 (Barkley Sound - Swale Rock, Middle Ch, Effingham Inlet)
19490	1949			1	1205	29	1179.36		Area 24 (Clayoquot Sound - Sydney Inlet)
19490	1949			1	1255	29	3447.36		Area 25 (Nootka Sound - Esperanza)
19490	1949			1	2263	29	2086.56		Area 26 (Kyuquot Sound - Ououkinsh Inlet, Nasparti Inlet)

[1] Multiple herring catch entries were reduced to single row entries so that catches would sum or table correctly by regional level location codes (Field 6). Note that AreaName (Field 10) is truncated. Refer to "Database Structure" section of this report for complete descriptions of each data field.

Appendix Table 2. Subset of herring catches (in short tons) transcribed from "Pilot House Records" (1933-1950).[2]

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19334	1933			1	2040	29	2700.00		Area 4 (Skeena Includes Pearl Harbour, Butler Cove, Japan Inlet, Prince Rupert Harbour)
19334	1933	10	4	1	1008	29	2759.00	1	Swanson Channel
19334	1933	10	11	1	1008	29	3250.00	1	Swanson Channel
19334	1933	10	18	1	1008	29	1973.00	1	Swanson Channel
19334	1933	10	25	1	1008	29	1788.00	1	Swanson Channel
19334	1933	11	1	1	1008	29	2722.00	1	Swanson Channel
19334	1933	11	8	1	1008	29	1998.00	1	Swanson Channel
19334	1933	11	8	1	938	29	2797.00	1	Trincomali Channel
19334	1933	11	15	1	1008	29	600.00	1	Swanson Channel
19334	1933	11	15	1	1005	29	1206.00	1	Satellite Channel
19334	1933	11	15	1	938	29	785.00	1	Trincomali Channel
19334	1933	11	22	1	1008	29	241.00	1	Swanson Channel
19334	1933	11	22	1	1005	29	446.00	1	Satellite Channel
19334	1933	11	22	1	938	29	1678.00	1	Trincomali Channel
19334	1933	11	22	9	935	29	330.00	1	Dodd Narrows (North)
19334	1933	11	22	9	992	29	330.00	1	Dodd Narrows (South)
19334	1933	11	29	1	1008	29	577.00	1	Swanson Channel
19334	1933	11	29	1	1005	29	916.00	1	Satellite Channel
19334	1933	11	29	1	938	29	45.00	1	Trincomali Channel
19334	1933	11	29	9	935	29	38.00	1	Dodd Narrows (North)
19334	1933	11	29	9	992	29	38.00	1	Dodd Narrows (South)
19334	1933	12	5	1	1008	29	35.00	1	Swanson Channel
19334	1933	12	5	1	995	29	120.00	1	Nanoose Bay
19334	1933	11	1	1	2230	29	498.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	11	1	1	2250	29	14.00	1	Nootka Sound
19334	1933	11	1	1	2260	29	67.00	1	Kyuquot Sound including Ououkinch Inlet
19334	1933	11	8	1	2230	29	2385.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	11	8	1	2250	29	30.00	1	Nootka Sound
19334	1933	11	8	1	2260	29	263.00	1	Kyuquot Sound including Ououkinch Inlet

[2] These records can be more spatially and temporally precise than those in Appendix Table 1 but they are incomplete compared to those compiled from summary reports of landing slips. Multiple herring catch entries are preserved (indicated by Field 5, 'Position'=9). Refer to the "Database Structure" section of this report for complete descriptions of each data field.

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19334	1933	11	15	1	2230	29	3681.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	11	15	1	2260	29	229.00	1	Kyuquot Sound including Ououkinch Inlet
19334	1933	11	22	1	2230	29	2729.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	11	22	1	2260	29	62.00	1	Kyuquot Sound including Ououkinch Inlet
19334	1933	11	29	1	2230	29	889.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	11	29	1	1205	29	140.00	1	Syndey Inlet
19334	1933	11	29	1	2260	29	208.00	1	Kyuquot Sound including Ououkinch Inlet
19334	1933	12	6	1	2230	29	997.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	12	6	1	1205	29	90.00	1	Syndey Inlet
19334	1933	12	13	1	2230	29	836.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	12	13	1	1205	29	20.00	1	Syndey Inlet
19334	1933	12	20	1	2230	29	165.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933	12	29	1	2230	29	416.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1934	1	3	1	2230	29	362.00	1	Barkley Sound - Middle Channel, Uchucklesit Harbour, Pill Point, Junction Pass, Rainy Bay, Effingham Inlet, Link Island
19334	1933			9		19	350.00		Howe Sound
19334	1933			9		19	350.00		Fraser River
19345	1934			1	2042	29	5400.00		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19345	1934	10	17	1	1008	29	2640.00	1	Swanson Channel
19345	1934	10	24	1	1008	29	3262.00	1	Swanson Channel
19345	1934	10	31	1	1008	29	2020.00	1	Swanson Channel
19345	1934	10	31	1	1005	29	958.00	1	Satellite Channel
19345	1934	11	7	1	1008	29	235.00	1	Swanson Channel
19345	1934	11	7	1	1005	29	1738.00	1	Satellite Channel
19345	1934	11	14	1	1008	29	1252.00	1	Swanson Channel
19345	1934	11	14	1	1005	29	1052.00	1	Satellite Channel
19345	1934	11	21	1	1005	29	82.00	1	Satellite Channel
19345	1934	11	28	1	1005	29	125.00	1	Satellite Channel
19345	1934	12	5	1	1005	29	345.00	1	Satellite Channel
19345	1934	12		1	995	29	825.00	1	Nanoose Bay
19345	1934	10	31	1	1119	29	60.00	1	Middle Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19345	1934	11	7	1	1121	29	160.00	1	Sunshine Bay
19345	1934	11	7	1	1114	29	214.00	1	Uchucklesit Inlet
19345	1934	11	14	1	1119	29	112.00	1	Middle Channel
19345	1934	11	14	1	1116	29	9.00	1	Vernon Bay
19345	1934	11	14	1	1114	29	807.00	1	Uchucklesit Inlet
19345	1934	11	21	1	1119	29	50.00	1	Middle Channel
19345	1934	11	21	1	1117	29	1156.00	1	Effingham Inlet
19345	1934	11	21	1	1115	29	20.00	1	Rainy Bay
19345	1934	11	21	1	1116	29	121.00	1	Vernon Bay
19345	1934	11	28	1	1117	29	390.00	1	Effingham Inlet
19345	1934	11	28	1	1115	29	632.00	1	Rainy Bay
19345	1934	11	28	1	1116	29	90.00	1	Vernon Bay
19345	1934	12	5	1	1117	29	65.00	1	Effingham Inlet
19345	1934	12	5	1	1115	29	165.00	1	Rainy Bay
19345	1934	12	5	1	1121	29	225.00	1	Sunshine Bay
19345	1934	12	5	1	1116	29	234.00	1	Vernon Bay
19345	1934	12	5	1	1123	29	285.00	1	Useless Inlet
19345	1934	12	12	1	1119	29	230.00	1	Middle Channel
19345	1934	12	12	1	1115	29	95.00	1	Rainy Bay
19345	1934	12	16	1	1119	29	95.00	1	Middle Channel
19345	1934			9	2280	19	680.00		District 1 (Area 28 - Howe Sound)
19345	1934			9	2290	19	680.00		District 1 (Area 29 - Fraser River)
19356	1935	10	3	1	2181	29	1462.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	10	9	1	2181	29	1603.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	10	16	1	2181	29	2186.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	10	23	1	2181	29	3726.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	10	30	1	2181	29	1012.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	11	6	1	2181	29	1744.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	11	13	1	2181	29	334.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	11	20	1	2181	29	552.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	11	27	1	2181	29	919.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	12	3	1	2181	29	327.00	1	Vicinity of Pender and Saltspring Island, chiefly Swanson and Satellite Channels
19356	1935	11	20	1	2230	29	1440.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935	11	20	1	2260	29	732.00	1	Kyuquot Sound - mostly in Deep Inlet
19356	1935	11	27	1	2230	29	305.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935	11	27	1	2260	29	2495.00	1	Kyuquot Sound - mostly in Deep Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19356	1935	12	4	1	2230	29	176.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935	12	4	1	2250	29	198.00	1	Nootka Sound in vicinity of Bligh Island or Kings Pass at Muchalat Arm entrance
19356	1935	12	4	1	2260	29	2142.00	1	Kyuquot Sound - mostly in Deep Inlet
19356	1935	12	11	1	2230	29	451.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935	12	11	1	2250	29	639.00	1	Nootka Sound in vicinity of Bligh Island or Kings Pass at Muchalat Arm entrance
19356	1935	12	11	1	2260	29	2093.00	1	Kyuquot Sound - mostly in Deep Inlet
19356	1935	12	18	1	2230	29	1507.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935	12	18	1	2250	29	1782.00	1	Nootka Sound in vicinity of Bligh Island or Kings Pass at Muchalat Arm entrance
19356	1935	12	18	1	2260	29	1659.00	1	Kyuquot Sound - mostly in Deep Inlet
19356	1935	12	25	1	2230	29	638.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935	12	25	1	2250	29	474.00	1	Nootka Sound in vicinity of Bligh Island or Kings Pass at Muchalat Arm entrance
19356	1935	12	25	1	2260	29	643.00	1	Kyuquot Sound - mostly in Deep Inlet
19356	1935			1	2230	29	499.00	1	Effingham Inlet, San Mateo Bay, Uchucklesit Inlet, Useless Inlet, Sechart Channel, Sunshine Bay, Canoe Pass, Sarita Bay
19356	1935			9	2280	19	1850.00		District 1 (Area 28 - Howe Sound)
19356	1935			9	2290	19	1850.00		District 1 (Area 29 - Fraser River)
19367	1936			1	2042	29	11000.00		Area 4 (Skeena including Tuck Inlet and Prince Rupert Harbour)
19367	1936			1	2060	29	100.00		Area 6 (Butedale)
19367	1936			1	590	29	17500.00		Area 8 (Bella Coola - Cousins Inlet)
19367	1936			1	2090	29	1700.00		Area 9 (Rivers Inlet)
19367	1936	10	2	1	1008	29	1356.00		Swanson Channel
19367	1936	10	7	1	1008	29	3334.00		Swanson Channel
19367	1936	10	14	1	1008	29	2460.00		Swanson Channel
19367	1936	10	21	1	1008	29	3225.00		Swanson Channel
19367	1936	10	28	1	1008	29	1864.00		Swanson Channel
19367	1936	11	1	1	1008	29	2662.00		Swanson Channel
19367	1936	11	11	1	938	29	2724.00		Trincomali Channel
19367	1936	11	11	1	943	29	39.00		Pylades Channel
19367	1936	11	18	1	1008	29	668.00		Swanson Channel
19367	1936	11	18	1	938	29	1958.00		Trincomali Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19367	1936	11	18	1	943	29	62.00		Pylades Channel
19367	1936	11	25	1	1008	29	163.00		Swanson Channel
19367	1936	11	25	1	938	29	1567.00		Trincomali Channel
19367	1936	11	25	1	943	29	178.00		Pylades Channel
19367	1936	10	21	1	2230	29	649.50	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	10	28	1	2230	29	2565.00	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	11	4	1	2230	29	1117.00	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	11	11	1	2230	29	2835.00	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	11	18	1	2230	29	2114.50	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	11	25	1	2230	29	4180.27	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	12	2	1	2230	29	40.00	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	12	9	1	2230	29	230.50	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	12	16	1	2230	29	1583.82	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	12	23	1	2230	29	1789.25	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	12	29	1	2230	29	2806.08	1	Middle Ch, Effingham Inlet, Vernon Bay, rainy Bay, Sechart Ch, Eastern Ch, Uchucklesit Harbour, San Mateo Bay, Sunshine Bay, Useless Inlet
19367	1936	12	2	1	2240	29	135.00	1	Sydney Inlet, Matilda Creek
19367	1936	12	16	1	2240	29	171.00	1	Sydney Inlet, Matilda Creek
19367	1936	12	23	1	2240	29	179.50	1	Sydney Inlet, Matilda Creek
19367	1936	12	30	1	2240	29	762.36	1	Sydney Inlet, Matilda Creek
19367	1937	1	6	1	2240	29	1372.29	1	Sydney Inlet, Matilda Creek
19367	1937	1	13	1	2240	29	862.00	1	Sydney Inlet, Matilda Creek
19367	1937	1	20	1	2240	29	318.79	1	Sydney Inlet, Matilda Creek
19367	1936	12	2	1	2250	29	400.05	1	Nootka Sound, Esperanza
19367	1936	12	9	1	2250	29	222.91	1	Nootka Sound, Esperanza
19367	1936	12	16	1	2250	29	403.81	1	Nootka Sound, Esperanza
19367	1936	12	23	1	2250	29	227.50	1	Nootka Sound, Esperanza
19367	1936	12	30	1	2250	29	711.37	1	Nootka Sound, Esperanza

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19367	1937	1	6	1	2250	29	474.74	1	Nootka Sound, Esperanza
19367	1937	1	13	1	2250	29	227.68	1	Nootka Sound, Esperanza
19367	1937	1	20	1	2250	29	2047.99	1	Nootka Sound, Esperanza
19367	1937	1	27	1	2250	29	43.50	1	Nootka Sound, Esperanza
19367	1936	11	4	1	2260	29	680.47	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1936	11	11	1	2260	29	647.74	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1936	11	18	1	2260	29	863.68	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1936	11	25	1	2260	29	2819.31	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1936	12	2	1	2260	29	2560.07	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1936	12	9	1	2260	29	1101.26	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1936	12	15	1	2260	29	1319.44	1	Deep Inlet, Blind Entrance and Ououkinsh Inlet
19367	1937	1	13	1	2270	29	352.50	1	Quatsino Sound
19367	1937	1	27	1	2270	29	718.50	1	Quatsino Sound
19367	1937	2	3	1	2270	29	562.50	1	Quatsino Sound
19367	1936	7	8	1	530	29	105.00	1	Klemtu Pass
19367	1936	9	23	1	590	29	340.00	1	Cousins Inlet
19367	1936	9	30	1	590	29	1350.00	1	Cousins Inlet
19367	1936	10	7	1	590	29	2228.00	1	Cousins Inlet
19367	1936	10	14	1	590	29	3049.00	1	Cousins Inlet
19367	1936	10	21	1	590	29	3097.00	1	Cousins Inlet
19367	1936	10	28	1	590	29	2774.00	1	Cousins Inlet
19367	1936	11	4	9	590	29	2524.00	1	Cousins Inlet
19367	1936	11	4	9	613	29	2524.00	1	Drainey Inlet
19367	1936	11	11	1	590	29	1571.00	1	Cousins Inlet
19367	1936	11	18	1	590	29	451.00	1	Cousins Inlet
19367	1936	12	2	1	2090	29	216.00	1	Kwatna Arm, Cousins Inlet
19367	1937	2	10	1	636	29	94.00	1	Smiths Inlet
19367	1937	2	17	9	636	29	37.00	1	Smiths Inlet
19367	1937	2	17	9	446	29	37.00	1	Bella Bella
19367	1937	2	24	9	2090	29	69.00	1	Rivers Inlet, Moses Inlet
19367	1937	2	24	9	446	29	69.00	1	Bella Bella
19367	1937	3	3	1	2090	29	237.00	1	Rivers Inlet
19367	1937	3	10	1	2090	29	586.00	1	Rivers Inlet
19367	1937	3	17	9	446	29	277.00	1	Bella Bella
19367	1937	3	17	9	2090	29	277.00	1	Rivers Inlet
19367	1937	3	24	9	446	29	280.00	1	Bella Bella
19367	1937	3	24	9	2090	29	280.00	1	Rivers Inlet
19367	1937	3	30	9	446	29	25.00	1	Bella Bella

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19367	1937	3	30	9	2090	29	25.00	1	Rivers Inlet
19367	1937	2		1	234	29	579.00	1	Bulter Cove
19367	1937	2		1	2040	29	213.00	1	Japan Inlet
19367	1937	2		1	274	29	160.00	1	Prince Rupert Harbour
19367	1936			9		19	340		Howe Sound
19367	1936			9		19	340		Fraser River
19378	1937	10	20	1	2181	29	2033.00		Swanson and Satellite Channel
19378	1937	10	27	1	2181	29	4197.00		Swanson and Satellite Channel
19378	1937	11	3	1	2181	29	3849.00		Swanson and Satellite Channel
19378	1937	11	10	1	2181	29	3414.00		Swanson and Satellite Channel
19378	1937	11	17	1	2181	29	2608.00		Swanson and Satellite Channel
19378	1937	11	24	1	2181	29	2835.00		Swanson and Satellite Channel
19378	1937	12	1	1	2181	29	2652.00		Swanson and Satellite Channel
19378	1937	12	8	1	2181	29	1520.00		Swanson and Satellite Channel
19378	1937	10	20	1	2230	29	804.00	1	Barkley Sound
19378	1937	10	27	1	2230	29	1388.00	1	Barkley Sound
19378	1937	11	3	1	2230	29	1313.00	1	Barkley Sound
19378	1937	11	10	1	2230	29	1497.00	1	Barkley Sound
19378	1937	11	17	1	2230	29	545.00	1	Barkley Sound
19378	1937	11	24	1	2230	29	1999.00	1	Barkley Sound
19378	1937	12	1	1	2230	29	3568.00	1	Barkley Sound
19378	1937	12	5	1	2230	29	2127.00	1	Barkley Sound
19378	1938	1	19	1	2240	29	245.00	1	Clayoquot Sound
19378	1937	10	20	1	2250	29	18.00	1	Nootka Sound
19378	1937	10	27	1	2250	29	120.00	1	Nootka Sound
19378	1937	12	8	1	2250	29	275.00	1	Nootka Sound
19378	1937	12	15	1	2250	29	870.00	1	Nootka Sound
19378	1937	12	22	1	2250	29	331.00	1	Nootka Sound
19378	1937	12	29	1	2250	29	25.00	1	Nootka Sound
19378	1938	1	5	1	2250	29	838.00	1	Nootka Sound
19378	1938	1	12	1	2250	29	359.00	1	Nootka Sound
19378	1938	1	19	1	2250	29	31.00	1	Nootka Sound
19378	1937	11	3	1	2260	29	48.00	1	Kyuquot Sound
19378	1937	11	10	1	2260	29	448.00	1	Kyuquot Sound
19378	1937	11	17	1	2260	29	1013.00	1	Kyuquot Sound
19378	1937	11	24	1	2260	29	1178.00	1	Kyuquot Sound
19378	1937	12	1	1	2260	29	961.00	1	Kyuquot Sound
19378	1937	12	8	1	2260	29	597.00	1	Kyuquot Sound

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19378	1937	12	15	1	2260	29	919.00	1	Kyuquot Sound
19378	1937	12	22	1	2260	29	410.00	1	Kyuquot Sound
19378	1937	12	29	1	2260	29	18.00	1	Kyuquot Sound
19378	1937	12	29	1	2270	29	380.00	1	Quatsino Sound
19378	1938	1	5	1	2270	29	1595.00	1	Quatsino Sound
19378	1938	1	12	1	2270	29	1820.00	1	Quatsino Sound
19378	1938	1	19	1	2270	29	700.00	1	Quatsino Sound
19378	1937	4		1	372	29	20.00	1	Whale Channel
19378	1937	5		1	446	29	4.00	1	Bella Bella
19378	1937	5		1	530	29	137.00	1	Klemtu Pass
19378	1937	5		1	381	29	37.00	1	Swanson Bay
19378	1937	5		1	533	29	15.00	1	Hiekish Narrows
19378	1937	5		1	311	29	5.00	1	Mink Trap Bay
19378	1937	5		1	325	29	5.00	1	Principe Channel
19378	1937	6		1	530	29	186.00	1	Klemtu Pass
19378	1937	6		1	381	29	94.00	1	Swanson Bay
19378	1937	6		1	533	29	69.00	1	Hiekish Narrows
19378	1937	6		1	51	29	87.00	1	North Island (Langara Island), QCI
19378	1937	6		1	146	29	25.00	1	Thurston Bay, QCI
19378	1937	7		1	530	29	17.00	1	Klemtu Pass
19378	1937	7		1	381	29	106.00	1	Swanson Bay
19378	1937	7		1	533	29	103.00	1	Hiekish Narrows
19378	1937	7		1	51	29	49.00	1	North Island (Langara Island), QCI
19378	1937	7		1	150	29	78.00	1	Ramsay Is
19378	1937	8		1	530	29	77.00	1	Klemtu Pass
19378	1937	8		1	684	29	10.00	1	Shuchart (Shushartie) Bay
19378	1937	8		1	674	29	10.00	1	Browning Pass
19378	1937	8		1	189	29	29.00	1	Dundas Island
19378	1937	9		1	590	29	906.00	1	Cousins Inlet
19378	1937	9		1	530	29	671.00	1	Klemtu Pass
19378	1937	9		1	381	29	10.00	1	Swanson Bay
19378	1937	10		1	2090	29	1660.00	1	Rivers Inlet
19378	1937	10		1	590	29	3763.00	1	Cousins Inlet
19378	1937	10		1	530	29	348.00	1	Klemtu Pass
19378	1937	11		1	2090	29	1070.00	1	Rivers Inlet
19378	1937	11		1	590	29	3077.00	1	Cousins Inlet
19378	1937	11		1	589	29	105.00	1	Dean Channelannel
19378	1937	11		1	274	29	590.00	1	Prince Rupert

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19378	1937	11		1	151	29	27.00	1	Echo Harbour, QCI
19378	1937	12		1	274	29	5392.00	1	Prince Rupert
19378	1938	1		1	274	29	480.00	1	Prince Rupert
19378	1938	2		1	274	29	820.00	1	Prince Rupert
19378	1938	2		1	368	29	317.00	1	Surf Inlet
19378	1938	3		1	368	29	445.00	1	Surf Inlet
19378	1937			9	2280	19	20.00		Howe Sound
19378	1937			9	2290	19	20.00		Fraser River
19389	1938			9	938	29	1342.00		Trincomali Channel off Porlier Pass
19389	1938			9	978	29	1342.00		Stuart Channel
19389	1938			9	995	29	1342.00		Nanoose Bay
19389	1938			9	938	29	635.00		Trincomali Channel off Porlier Pass
19389	1938			9	978	29	635.00		Stuart Channel
19389	1938			9	995	29	635.00		Nanoose Bay
19389	1938	10	12	1	1008	29	1715.00		Swanson Channel
19389	1938	10	19	1	1008	29	1730.00		Swanson Channel
19389	1938	10	26	1	1008	29	1865.00		Swanson Channel
19389	1938	11	2	1	1008	29	1118.00		Swanson Channel
19389	1938	11	9	1	1008	29	1179.00		Swanson Channel
19389	1938	11	16	1	1008	29	880.00		Swanson Channel
19389	1938	11	16	1	938	29	1420.00		Trincomali Channel
19389	1938	11	23	1	1008	29	185.00		Swanson Channel
19389	1938	11	23	1	938	29	2035.00		Trincomali Channel
19389	1938	11	30	1	1008	29	1205.00		Swanson Channel
19389	1938	11	30	1	938	29	255.00		Trincomali Channel
19389	1938	12	7	1	1008	29	80.00		Swanson Channel
19389	1938	12	7	1	938	29	2050.00		Trincomali Channel
19389	1938	12	14	1	1008	29	1960.00		Swanson Channel
19389	1938	12	14	1	938	29	935.00		Trincomali Channel
19389	1938	12	19	1	1008	29	110.00		Swanson Channel
19389	1938	12	19	1	938	29	321.00		Trincomali Channel
19389	1938	11	9	1	2230	29	913.00		Barkley Sound
19389	1938	11	16	1	2230	29	1132.00		Barkley Sound

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19389	1938	11	23	1	2230	29	45.00		Barkley Sound
19389	1938	11	30	1	2230	29	60.00		Barkley Sound
19389	1938	12	7	1	2230	29	1277.00		Barkley Sound
19389	1938	12	14	1	2230	29	876.00		Barkley Sound
19389	1938	12	21	1	2230	29	305.00		Barkley Sound
19389	1938	11	9	1	1205	29	165.00		Sydney Inlet
19389	1938	11	16	1	1205	29	10.00		Sydney Inlet
19389	1938	11	23	1	1205	29	70.00		Sydney Inlet
19389	1938	12	7	1	1205	29	95.00		Sydney Inlet
19389	1938	12	14	1	1205	29	105.00		Sydney Inlet
19389	1938	11	16	1	2250	29	154.00		Nootka Sound
19389	1938	11	23	1	2250	29	248.00		Nootka Sound
19389	1938	11	30	1	2250	29	9.00		Nootka Sound
19389	1938	12	7	1	2250	29	166.00		Nootka Sound
19389	1938	12	14	1	2250	29	165.00		Nootka Sound
19389	1938	12	28	1	2250	29	769.00		Nootka Sound
19389	1939	1	4	1	2250	29	153.00		Nootka Sound
19389	1939	1	11	1	2250	29	135.00		Nootka Sound
19389	1938	11	2	1	2260	29	78.00		Kyuquot Sound
19389	1938	11	9	1	2260	29	127.00		Kyuquot Sound
19389	1938	11	16	1	2260	29	172.00		Kyuquot Sound
19389	1938	11	23	1	2260	29	35.00		Kyuquot Sound
19389	1938	12	7	1	2260	29	10.00		Kyuquot Sound
19389	1938	12	14	1	2260	29	1.00		Kyuquot Sound
19389	1938	12	7	1	2270	29	50.00		Quatsino Sound
19389	1938	12	14	1	2270	29	1500.00		Quatsino Sound
19389	1938	12	21	1	2270	29	467.00		Quatsino Sound
19389	1939	1	4	1	2270	29	10.00		Quatsino Sound
19389	1939	1	11	1	2270	29	974.00		Quatsino Sound
19389	1939	1	17	1	2270	29	1110.00		Quatsino Sound
19389	1938	6		9	2060	29	252.00		Swanson Bay & Passage Island
19389	1938	6		9	530	29	252.00		Klemtu Pass
19389	1938	7		1	530	29	30.00		Klemtu Pass
19389	1938	9		9	530	29	340.00		Klemtu Pass
19389	1938	9		9	590	29	340.00		Cousins Inlet
19389	1938	10		9	2060	29	596.00		Princess Royal Is
19389	1938	10		9	530	29	596.00		Klemtu Pass
19389	1938	10		9	2090	29	596.00		Rivers Inlet, Drainey Inlet & Moses Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19389	1938	11		9	2060	29	20.00		Butedale (Nukish Nrrws ?)
19389	1938	11		9	2070	29	20.00		Bella Bella (Nukish Nrrws ?)
19389	1938	11		9	2080	29	20.00		Bella Coola (Nukish Nrrws ?)
19389	1938	11		9	2090	29	20.00		Rivers Inlet (Nukish Nrrws ?)
19389	1938	11		9	2100	29	20.00		Smith Sound (Nukish Nrrws ?)
19389	1939	1		9	615	29	20.00		Moses Inlet
19389	1939	1		9	602	29	8710.00		Kwakshua Pass
19389	1939	2		9	618	29	8710.00		Safety Cove
19389	1939	2		9	602	29	12762.00		Kwakshua Pass
19389	1939	2		9	618	29	12762.00		Safety Cove
19389	1939	3		1	2060	29	12762.00		Laredo Inlet & Kent Inlet
19389	1938	11	16	1	2067	29	2137.00		Laredo In & Thistle Pass
19389	1938	11	23	1	2042	29	85.00		Prince Rupert Harbour & Tuck Inlet
19389	1938	11	30	1	2042	29	48.00		Prince Rupert Harbour & Tuck Inlet
19389	1938	12	7	1	2042	29	575.00		Prince Rupert Harbour & Tuck Inlet
19389	1938	12	14	1	2042	29	894.00		Prince Rupert Harbour & Tuck Inlet
19389	1938	12	21	1	2042	29	1674.00		Prince Rupert Harbour & Tuck Inlet
19389	1938	12	28	1	2042	29	53.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	1	4	1	2042	29	1907.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	1	11	1	2042	29	1836.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	1	18	1	2042	29	1793.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	1	25	1	2042	29	2526.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	2	1	1	2042	29	1587.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	2	8	1	2042	29	1560.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	2	13	1	2042	29	2050.00		Prince Rupert Harbour & Tuck Inlet
19389	1939	3		1	2042	29	1305.00		Prince Rupert Harbour & Tuck Inlet
19389	1938	7		1	234	29	160.00		Butler Cove
19389	1939	1		1	51	29	456.00		Langara Island
19389	1939	2		1	2024	29	2088.00		Richardson Inlet, Darwin Sound & Sewell Inlet
19389	1939	3		1	147	29	180.00		Sewell Inlet
19389	1938			9	147	29	47.00		Sewell Inlet
19389	1938			9	2280	19	610.00		Howe Sound
19390	1939	10	4	1	2290	19	610.00		Fraser River
19390	1939	10	11	1	1008	29	1680.00		Swanson Channel
19390	1939	10	11	1	1008	29	1098.00		Swanson Channel
19390	1939	10	11	1	2173	29	148.00		Stuart-Trincomali Channel
19390	1939	10	11	1	995	29	60.00		Nanoose Bay

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19390	1939	10	18	1	1008	29	1442.00		Swanson Channel
19390	1939	10	18	1	2173	29	205.00		Stuart-Trincomali Channel
19390	1939	10	18	1	995	29	645.00		Nanoose Bay
19390	1939	10	25	1	1008	29	2107.00		Swanson Channel
19390	1939	10	25	1	2173	29	15.00		Stuart-Trincomali Channel
19390	1939	10	25	1	995	29	750.00		Nanoose Bay
19390	1939	11	1	1	1008	29	2547.00		Swanson Channel
19390	1939	11	1	1	938	29	130.00		Trincomali Channel
19390	1939	11	1	1	2173	29	285.00		Stuart-Trincomali Channel
19390	1939	11	1	1	995	29	508.00		Nanoose Bay
19390	1939	11	8	1	1008	29	2168.00		Swanson Channel
19390	1939	11	8	1	2173	29	210.00		Stuart-Trincomali Channel
19390	1939	11	8	1	938	29	5.00		Trincomali Channel
19390	1939	11	8	1	995	29	30.00		Nanoose Bay
19390	1939	11	15	1	1008	29	852.00		Swanson Channel
19390	1939	11	15	1	2173	29	1462.00		Stuart-Trincomali Channel
19390	1939	11	15	1	938	29	178.00		Trincomali Channel
19390	1939	11	15	1	995	29	709.00		Nanoose Bay
19390	1939	11	22	1	1008	29	1902.00		Swanson Channel
19390	1939	11	22	1	2173	29	1555.50		Stuart-Trincomali Channel
19390	1939	11	22	1	938	29	84.00		Trincomali Channel
19390	1939	11	22	1	995	29	769.75		Nanoose Bay
19390	1939	11	29	1	1008	29	1570.00		Swanson Channel
19390	1939	11	29	1	2173	29	654.00		Stuart-Trincomali Channel
19390	1939	12	6	1	1008	29	250.00		Swanson Channel
19390	1939	12	6	1	2173	29	120.00		Stuart-Trincomali Channel
19390	1939	12	6	1	995	29	217.50		Nanoose Bay
19390	1939	12	13	1	2173	29	519.00		Stuart-Trincomali Channel
19390	1939	12	13	1	995	29	264.00		Nanoose Bay
19390	1939	12	19	1	2173	29	1150.00		Stuart-Trincomali Channel
19390	1940	1	10	1	2173	29	1451.00		Stuart-Trincomali Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19390	1940	1	17	1	2173	29	856.00		Stuart-Trincomali Channel
19390	1940	1	24	1	2173	29	518.00		Stuart-Trincomali Channel
19390	1940	1	31	1	2173	29	524.00		Stuart-Trincomali Channel
19390	1940	1	31	1	995	29	274.00		Nanoose Bay
19390	1940	1	24	1	2132	29	360.00	1	Deepwater Bay & Okisollo Channel
19390	1940	1	31	1	2132	29	432.00	1	Deepwater Bay & Okisollo Channel
19390	1940	2	7	1	2132	29	1095.00	1	Deepwater Bay & Okisollo Channel
19390	1940	2	13	1	2132	29	1444.00	1	Deepwater Bay & Okisollo Channel
19390	1939	10	11	1	2230	29	31.00	1	Barkley Sound
19390	1939	10	18	1	2230	29	1128.50	1	Barkley Sound
19390	1939	10	25	1	2230	29	1207.00	1	Barkley Sound
19390	1939	11	1	1	2230	29	772.75	1	Barkley Sound
19390	1939	11	8	1	2230	29	361.75	1	Barkley Sound
19390	1939	11	15	1	2230	29	790.50	1	Barkley Sound
19390	1939	11	22	1	2230	29	55.00	1	Barkley Sound
19390	1940	1	17	1	2230	29	90.00	1	Barkley Sound
19390	1940	1	24	1	2230	29	1003.50	1	Barkley Sound
19390	1940	1	31	1	2230	29	663.50	1	Barkley Sound
19390	1940	1	10	1	2240	29	70.00	1	Clayoquot Sound
19390	1940	1	31	1	2240	29	10.00	1	Clayoquot Sound
19390	1939	11	29	1	2250	29	165.00	1	Nootka Sound
19390	1939	12	6	1	2250	29	205.00	1	Nootka Sound
19390	1939	12	13	1	2250	29	626.00	1	Nootka Sound
19390	1939	12	19	1	2250	29	814.00	1	Nootka Sound
19390	1940	1	3	1	2250	29	1134.00	1	Nootka Sound
19390	1940	1	10	1	2250	29	170.00	1	Nootka Sound
19390	1940	1	17	1	2250	29	100.00	1	Nootka Sound
19390	1939	11	22	1	2260	29	200.00	1	Kyuquot Sound
19390	1939	11	29	1	2260	29	333.00	1	Kyuquot Sound
19390	1939	12	19	1	2260	29	64.00	1	Kyuquot Sound
19390	1940	1	10	1	2260	29	1604.00	1	Kyuquot Sound
19390	1940	1	17	1	2260	29	370.50	1	Kyuquot Sound
19390	1940	1	24	1	2260	29	65.00	1	Kyuquot Sound
19390	1940	1	17	1	2270	29	335.00	1	Quatsino Sound
19390	1940	1	24	1	2270	29	310.00	1	Quatsino Sound
19390	1940	1	31	1	2270	29	420.00	1	Quatsino Sound
19390	1940	2	4	1	2270	29	40.00	1	Quatsino Sound

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19390	1939	11	1	1	2120	29	60.00	1	Alert Bay
19390	1939	11	8	1	2120	29	450.00	1	Alert Bay
19390	1939	11	15	1	2120	29	550.00	1	Alert Bay
19390	1939	11	22	1	2120	29	1715.00	1	Alert Bay
19390	1939	11	29	1	2120	29	1451.00	1	Alert Bay
19390	1939	12	6	1	2120	29	655.00	1	Alert Bay
19390	1939	12	13	1	2120	29	590.00	1	Alert Bay
19390	1939	12	19	1	2120	29	365.00	1	Alert Bay
19390	1940	1	3	1	2085	29	1595.00	1	Kwakshua Pass & Fitz Hugh Sound
19390	1940	1	10	1	2085	29	4567.00	1	Kwakshua Pass & Fitz Hugh Sound
19390	1940	1	17	1	2085	29	3160.00	1	Kwakshua Pass & Fitz Hugh Sound
19390	1940	1	24	1	2085	29	2660.00	1	Kwakshua Pass & Fitz Hugh Sound
19390	1940	1	31	1	2085	29	75.00	1	Kwakshua Pass & Fitz Hugh Sound
19390	1940	1	3	1	2067	29	125.00	1	Laredo Inlet & Thistle Pass
19390	1940	1	10	1	2067	29	2616.00	1	Laredo Inlet & Thistle Pass
19390	1940	1	17	1	2067	29	1912.00	1	Laredo Inlet & Thistle Pass
19390	1940	1	24	1	2067	29	1729.00	1	Laredo Inlet & Thistle Pass
19390	1940	1	31	1	2067	29	4234.00	1	Laredo Inlet & Thistle Pass
19390	1940	2	7	1	2067	29	2509.00	1	Laredo Inlet & Thistle Pass
19390	1940	2	14	1	2067	29	1600.00	1	Laredo Inlet & Thistle Pass
19390	1940	2	20	1	423	29	700.00	1	Laredo Inlet
19390	1940	2	21	1	2067	29	2952.00	1	Laredo Inlet & Thistle Pass
19390	1940	2	28	1	2067	29	4842.00	1	Laredo Inlet & Thistle Pass
19390	1940	3	4	1	2067	29	2230.00	1	Laredo Inlet & Thistle Pass
19390	1939	11	22	1	274	29	10.00	1	Prince Rupert Harbour
19390	1939	11	29	1	274	29	376.00	1	Prince Rupert Harbour
19390	1939	12	6	1	274	29	295.00	1	Prince Rupert Harbour
19390	1939	12	13	1	274	29	271.00	1	Prince Rupert Harbour
19390	1939	12	19	1	274	29	38.00	1	Prince Rupert Harbour
19390	1940	1	3	1	274	29	59.00	1	Prince Rupert Harbour
19390	1940	1	17	1	274	29	225.00	1	Prince Rupert Harbour
19390	1940	1	24	1	274	29	285.00	1	Prince Rupert Harbour
19390	1940	1	31	1	274	29	770.00	1	Prince Rupert Harbour
19390	1940	2	7	1	274	29	4658.00	1	Prince Rupert Harbour
19390	1940	2	14	1	274	29	5260.00	1	Prince Rupert Harbour
19390	1940	2	21	1	274	29	6405.00	1	Prince Rupert Harbour
19390	1940	2	28	1	274	29	430.00	1	Prince Rupert Harbour
19390	1939	9		1	530	29	1111.00	1	Klemtu Pass

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19390	1939	9		1	381	29	65.00	1	Swanson Bay
19390	1939	9		1	590	29	106.00	1	Cousins Inlet
19390	1939	9		1	2090	29	10.00	1	Rivers Inlet
19390	1940	2	27	1	418	29	103.00	1	Kent Inlet
19390	1940	3	5	1	520	29	354.00	1	Jackson Pass
19390	1940			1	234	29	120.00	1	Butler Cove
19390	1940			1	195	29	1017.00	1	Wales Pass
19390	1939	6		1	141	29	8.00	1	Selwyn Inlet
19390	1939	6		1	1552	29	79.00	1	Scudder Pt
19390	1939	6		1	80	29	246.00	1	Inskip Channel
19390	1940	1		1	148	29	61.00	1	Richardson Inlet
19390	1940	1		1	147	29	1485.00	1	Sewell Inlet
19390	1940	1		1	141	29	103.00	1	Selwyn Inlet
19390	1940	1		1	140	29	618.00	1	Lagoon Inlet
19390	1940	1		1	149	29	323.00	1	Bigsby Inlet
19390	1940	1		1	184	29	4500.00	1	Skaat Harbour
19390	1940	3	12	1	166	29	200.00	1	Burnaby Strait
19390	1939			9	2280	19	250.00		Howe Sound
19390	1939			9	2290	19	250.00		Fraser River
19401	1940	1		1	2020	29	5320.00		Burnaby Strait, Richardson Inlet, Lagoon Inlet, Houston Inlet, Atli Inlet & Selwyin Inlet
19401	1940	12	11	9	2032	29	442.00		Union Bay & Work Channel
19401	1940	12	11	9	2042	29	442.00		Pearl & Prince Rupert Harbour
19401	1940	12	17	9	2032	29	5.00		Union Bay & Work Channel
19401	1940	12	17	9	2042	29	5.00		Pearl & Prince Rupert Harbour
19401	1941	1	2	9	2032	29	195.00		Union Bay & Work Channel
19401	1941	1	2	9	2042	29	195.00		Pearl & Prince Rupert Harbour
19401	1941	1	8	9	2032	29	965.00		Union Bay & Work Channel
19401	1941	1	8	9	2042	29	965.00		Pearl & Prince Rupert Harbour
19401	1941	1	15	9	2032	29	1070.00		Union Bay & Work Channel
19401	1941	1	15	9	2042	29	1070.00		Pearl & Prince Rupert Harbour
19401	1941	1	22	9	2032	29	420.00		Union Bay & Work Channel
19401	1941	1	22	9	2042	29	420.00		Pearl & Prince Rupert Harbour
19401	1941	2	5	9	2032	29	625.00		Union Bay & Work Channel
19401	1941	2	5	9	2042	29	625.00		Pearl & Prince Rupert Harbour
19401	1941	2	12	9	2032	29	427.00		Union Bay & Work Channel
19401	1941	2	12	9	2042	29	427.00		Pearl & Prince Rupert Harbour
19401	1941	2	19	9	2032	29	290.00		Union Bay & Work Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19401	1941	2	19	9	2042	29	290.00		Pearl & Prince Rupert Harbour
19401	1941	3	5	9	2032	29	590.00		Union Bay & Work Channel
19401	1941	3	5	9	2042	29	590.00		Pearl & Prince Rupert Harbour
19401	1941	3	12	9	2032	29	7.00		Union Bay & Work Channel
19401	1941	3	12	9	2042	29	7.00		Pearl & Prince Rupert Harbour
19401	1941	3	15	9	2032	29	760.00	3	Union Bay & Work Channel
19401	1941	3	15	9	2042	29	760.00	3	Pearl & Prince Rupert Harbour
19401	1940	8	14	9	2060	29	80.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1940	8	14	9	2078	29	80.00		Klemtu and Jackson Passages
19401	1940	8	21	9	2060	29	40.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1940	8	21	9	2078	29	40.00		Klemtu and Jackson Passages
19401	1940	8	28	9	2060	29	90.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1940	8	28	9	2078	29	90.00		Klemtu and Jackson Passages
19401	1940	9	4	9	2060	29	95.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1940	9	4	9	2078	29	95.00		Klemtu and Jackson Passages
19401	1940	9	11	9	2060	29	39.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1940	9	11	9	2078	29	39.00		Klemtu and Jackson Passages
19401	1940	12	17	9	2060	29	815.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1940	12	17	9	2078	29	815.00		Klemtu and Jackson Passages
19401	1941	1	2	9	2060	29	835.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	1	2	9	2078	29	835.00		Klemtu and Jackson Passages
19401	1941	1	8	9	2060	29	710.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	1	8	9	2078	29	710.00		Klemtu and Jackson Passages
19401	1941	1	22	9	2060	29	30.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	1	22	9	2078	29	30.00		Klemtu and Jackson Passages
19401	1941	1	29	9	2060	29	125.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	1	29	9	2078	29	125.00		Klemtu and Jackson Passages
19401	1941	2	26	9	2060	29	89.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	2	26	9	2078	29	89.00		Klemtu and Jackson Passages
19401	1941	3	5	9	2060	29	449.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	3	5	9	2078	29	449.00		Klemtu and Jackson Passages
19401	1941	3	12	9	2060	29	2933.00		Laredo Inlet, Meyers Pass, Aaltanhash Inlet, and Bishops Cove
19401	1941	3	12	9	2078	29	2933.00		Klemtu and Jackson Passages
19401	1940	11	20	9	2070	29	129.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1940	11	20	9	2080	29	129.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1940	11	27	9	2070	29	40.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1940	11	27	9	2080	29	40.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1940	12	11	9	2070	29	50.00		Lama Pass, Roscoe Inlet & Spider Is

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19401	1940	12	11	9	2080	29	50.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	1	8	1	602	29	478.00		Kwakshua Pass
19401	1941	1	8	9	2070	29	47.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	1	8	9	2080	29	47.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	1	15	9	2070	29	35.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	1	15	9	2080	29	35.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	1	22	9	2070	29	77.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	1	22	9	2080	29	77.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	1	29	9	2070	29	28.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	1	29	9	2080	29	28.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	2	5	9	2070	29	273.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	2	5	9	2080	29	273.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	2	12	9	2070	29	350.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	2	12	9	2080	29	350.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	2	19	9	2070	29	232.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	2	19	9	2080	29	232.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1941	2	26	9	2070	29	48.00		Lama Pass, Roscoe Inlet & Spider Is
19401	1941	2	26	9	2080	29	48.00		Kwatna Inlet, Evans Arm & Lagoon Bay
19401	1940	10	9	9	2090	29	211.00		Drainey Inlet, Moses Inlet, Goose Bay - Rivers Inlet
19401	1940	10	9	9	2103	29	211.00		Smith Inlet area
19401	1940	10	16	9	2090	29	9.00		Drainey Inlet, Moses Inlet, Goose Bay - Rivers Inlet
19401	1940	10	16	9	2103	29	9.00		Smith Inlet area
19401	1941	1	15	9	2080	29	222.00		Fitz Hugh Sound
19401	1941	1	15	9	2090	29	222.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	1	15	9	2100	29	222.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1941	1	22	9	2080	29	183.00		Fitz Hugh Sound
19401	1941	1	22	9	2090	29	183.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	1	22	9	2100	29	183.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1941	2	12	9	2080	29	70.00		Fitz Hugh Sound
19401	1941	2	12	9	2090	29	70.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	2	12	9	2100	29	70.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1941	2	19	9	2080	29	685.00		Fitz Hugh Sound
19401	1941	2	19	9	2090	29	685.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	2	19	9	2100	29	685.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1941	2	26	9	2080	29	252.00		Fitz Hugh Sound
19401	1941	2	26	9	2090	29	252.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	2	26	9	2100	29	252.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1941	3	5	9	2080	29	64.00		Fitz Hugh Sound

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19401	1941	3	5	9	2090	29	64.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	3	5	9	2100	29	64.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1941	3	12	9	2080	29	61.00		Fitz Hugh Sound
19401	1941	3	12	9	2090	29	61.00		Fish Egg Inlet, Drainey Inlet, Moses Inlet, Goose Bay and Rivers Inlet.
19401	1941	3	12	9	2100	29	61.00		Smith Inlet, Margaret Bay, Hickey Cove, Boswell Inlet
19401	1940	9	18	9	658	29	263.00		Seymour Inlet
19401	1940	9	18	9	2120	29	263.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	9	25	9	658	29	206.00		Seymour Inlet
19401	1940	9	25	9	2120	29	206.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	10	2	9	658	29	125.00		Seymour Inlet
19401	1940	10	2	9	2120	29	125.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	10	16	9	658	29	635.00		Seymour Inlet
19401	1940	10	16	9	2120	29	635.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	11	6	9	658	29	25.00		Seymour Inlet
19401	1940	11	6	9	2120	29	25.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	11	13	9	658	29	80.00		Seymour Inlet
19401	1940	11	13	9	2120	29	80.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	11	20	9	658	29	485.00		Seymour Inlet
19401	1940	11	20	9	2120	29	485.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	11	27	9	658	29	999.00		Seymour Inlet
19401	1940	11	27	9	2120	29	999.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	12	4	9	658	29	3058.00		Seymour Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19401	1940	12	4	9	2120	29	3058.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	12	11	9	658	29	824.00		Seymour Inlet
19401	1940	12	11	9	2120	29	824.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	12	17	9	658	29	98.00		Seymour Inlet
19401	1940	12	17	9	2120	29	98.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass. And Seymour Inlet
19401	1941	1	2	1	2120	29	28.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	1	8	1	2120	29	318.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	1	15	1	2120	29	514.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	1	22	1	2120	29	308.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	1	29	1	2120	29	254.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	2	5	1	2120	29	227.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	2	12	1	2120	29	224.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1941	2	19	1	2120	29	376.00		Knight Inlet, Clio Channel, Bones Bay, Belleisle Sound, Simoon Bay, Serpentine Pass, Steep Harbour, Port Elizabeth, Retreat Pass, Creamer Pass, Greenway Sound, McKenzie Sound, Grappler, Sound, Kenneth Pass.
19401	1940	9	25	1	2132	29	130.00		Deepwater Bay & Okisollo Channel
19401	1940	10	2	1	2132	29	1106.00		Deepwater Bay & Okisollo Channel
19401	1940	10	9	1	2132	29	690.00		Deepwater Bay & Okisollo Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19401	1940	10	16	1	2132	29	30.00		Deepwater Bay & Okisollo Channel
19401	1940	11	27	1	2132	29	45.00		Deepwater Bay & Okisollo Channel
19401	1940	12	11	1	2132	29	1117.00		Deepwater Bay & Okisollo Channel
19401	1940	12	17	1	2132	29	936.00		Deepwater Bay & Okisollo Channel
19401	1941	1	22	1	2160	29	45.00		Princess Louisa Inlet & Sechelt Inlet (Narrows Arm)
19401	1941	2	5	1	2160	29	124.00		Princess Louisa Inlet & Sechelt Inlet (Narrows Arm)
19401	1941	2	12	1	2160	29	140.00		Princess Louisa Inlet & Sechelt Inlet (Narrows Arm)
19401	1941	2	19	1	2160	29	114.00		Princess Louisa Inlet & Sechelt Inlet (Narrows Arm)
19401	1941	2	26	1	2160	29	14.00		Princess Louisa Inlet & Sechelt Inlet (Narrows Arm)
19401	1940	10	30	1	2172	29	210.00		Nanoose Bay vicinity
19401	1940	11	6	1	2172	29	1038.00		Nanoose Bay vicinity
19401	1940	11	13	1	2172	29	1028.00		Nanoose Bay vicinity
19401	1940	11	20	1	2172	29	248.00		Nanoose Bay vicinity
19401	1940	11	24	1	2172	29	60.00		Nanoose Bay vicinity
19401	1940	10	2	1	2173	29	6.00	6	Stuart & Trincomali Channel
19401	1940	10	16	1	2173	29	43.00	6	Stuart & Trincomali Channel
19401	1940	10	30	1	2173	29	345.00	6	Stuart & Trincomali Channel
19401	1940	11	6	1	2173	29	45.00	6	Stuart & Trincomali Channel
19401	1940	11	13	1	2173	29	946.00	6	Stuart & Trincomali Channel
19401	1940	11	20	1	2173	29	1533.00	6	Stuart & Trincomali Channel
19401	1940	9	25	1	2181	29	477.00	6	Swanson & Satellite Channel
19401	1940	10	2	1	2181	29	1055.00	6	Swanson & Satellite Channel
19401	1940	10	9	1	2181	29	2062.00	6	Swanson & Satellite Channel
19401	1940	10	16	1	2181	29	2208.00	6	Swanson & Satellite Channel
19401	1940	10	23	1	2181	29	1862.00	6	Swanson & Satellite Channel
19401	1940	10	30	1	2181	29	2315.00	6	Swanson & Satellite Channel
19401	1940	11	6	1	2181	29	3612.00	6	Swanson & Satellite Channel
19401	1940	11	13	1	2181	29	4070.00	6	Swanson & Satellite Channel
19401	1940	11	20	1	2181	29	4259.00	6	Swanson & Satellite Channel
19401	1940	11	24	1	2181	29	1404.00	6	Swanson & Satellite Channel
19401	1940	11	6	1	938	29	5.00	6	Trincomali Channel
19401	1940	11	13	1	938	29	448.00	6	Trincomali Channel
19401	1940	11	20	1	938	29	98.00	6	Trincomali Channel
19401	1940	11	6	1	2233	29	1471.00	6	Imperial Eagel Channel, Vernon Bay and Useless Inlet
19401	1940	11	13	1	2233	29	943.00	6	Imperial Eagel Channel, Vernon Bay and Useless Inlet
19401	1940	11	20	1	2233	29	870.00	6	Imperial Eagel Channel, Vernon Bay and Useless Inlet
19401	1940	11	27	1	2233	29	447.00	6	Imperial Eagel Channel, Vernon Bay and Useless Inlet
19401	1940	12	4	1	2233	29	122.00	6	Imperial Eagel Channel, Vernon Bay and Useless Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19401	1941	1	2	1	2230	29	1084.00	6	Sechart Channel, Imperial Eagle Channel, Effingham Inlet & Vernon Bay
19401	1941	1	8	1	2230	29	2091.00	6	Sechart Channel, Imperial Eagle Channel, Effingham Inlet & Vernon Bay
19401	1941	1	15	1	2230	29	739.00	6	Sechart Channel, Imperial Eagle Channel, Effingham Inlet & Vernon Bay
19401	1941	1	22	1	2230	29	3350.00	6	Sechart Channel, Imperial Eagle Channel, Effingham Inlet & Vernon Bay
19401	1941	1	29	1	2230	29	461.00	6	Sechart Channel, Imperial Eagle Channel, Effingham Inlet & Vernon Bay
19401	1940	12	11	1	2240	29	412.00	6	Matilda Inlet, McKay (Cone) Is & Calm Creek
19401	1940	12	18	1	2240	29	65.00	6	Matilda Inlet, McKay (Cone) Is & Calm Creek
19401	1941	1	8	1	2240	29	147.00	6	Sydney Inlet & Matilda Inlet
19401	1941	1	15	1	2240	29	36.00	6	Sydney Inlet & Matilda Inlet
19401	1941	1	22	1	2240	29	19.00	6	Sydney Inlet & Matilda Inlet
19401	1941	1	29	1	2240	29	99.00	6	Sydney Inlet & Matilda Inlet
19401	1940	11	20	1	2250	29	171.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1940	11	27	1	2250	29	2141.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1940	12	4	1	2250	29	869.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1940	12	11	1	2250	29	175.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1940	12	17	1	2250	29	315.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1941	1	2	1	2250	29	93.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1941	1	15	1	2250	29	1420.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1941	1	22	1	2250	29	872.00	6	Tahsis Inlet, Queens Cove & Mary Basin
19401	1940	11	20	1	1289	29	60.00	6	Amai Inlet
19401	1940	12	11	1	1292	29	2167.00	6	Nicolaye Channel
19401	1940	12	11	1	1289	29	10.00	6	Amai Inlet
19401	1940	12	18	1	1289	29	945.00	6	Amai Inlet
19401	1941	1	2	1	2261	29	347.00	6	Amai Inlet & Crawther Channel (Blind Entr)
19401	1941	1	8	1	2261	29	309.00	6	Amai Inlet & Crawther Channel (Blind Entr)
19401	1941	1	15	1	2261	29	348.00	6	Amai Inlet & Crawther Channel (Blind Entr)
19401	1941	1	22	1	2261	29	178.00	6	Amai Inlet & Crawther Channel (Blind Entr)
19401	1941	1	29	1	2261	29	92.00	6	Amai Inlet & Crawther Channel (Blind Entr)
19401	1940	12	11	1	2270	29	70.00	6	Quatsino Sound (Bare Island)
19401	1940			9	2280	19	100.00		Howe Sound
19401	1940			9	2290	19	100.00		Fraser River
19412	1941	12	3	1	2020	29	40.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet
19412	1941	12	10	1	2020	29	155.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet
19412	1941	12	17	1	2020	29	175.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet
19412	1942	1	28	1	2020	29	50.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet
19412	1942	2	11	1	2020	29	216.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet
19412	1942	2	18	1	2020	29	720.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet
19412	1942	3	4	1	2020	29	838.00		Burnaby Strait, Richardson Inlet, Sewell Inlet & Atli Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19412	1942	1	14	1	2032	29	200.00		Union Bay, Khutzemateen Inlet
19412	1942	1	21	1	2032	29	718.00		Union Bay, Khutzemateen Inlet
19412	1942	1	28	1	2032	29	3330.00		Khutzemateen Inlet & Union Bay
19412	1942	2	4	1	2032	29	4480.00		Khutzemateen Inlet & Union Bay
19412	1942	2	11	1	2032	29	1103.00		Khutzemateen Inlet & Union Bay
19412	1942	2	11	1	2060	29	612.00		Laredo Inlet, Meyers Pass & Teesel Pass
19412	1942	2	18	1	2060	29	3889.00		Laredo Inlet, Meyers Pass & Teesel Pass
19412	1942	2	25	1	2060	29	2279.00		Laredo Inlet, Meyers Pass & Teesel Pass
19412	1942	3	4	1	2060	29	170.00		Laredo Inlet, Meyers Pass & Teesel Pass
19412	1942	2	11	1	2080	29	630.00		Bella Coola vicinity & Kwatna Inlet
19412	1942	1	21	9	577	29	148.00		Fish Egg Inlet
19412	1942	1	21	9	2070	29	148.00		Bella Bella, Lama Pass, Raft Ck, Doris Lk & Evans Arm
19412	1942	1	28	9	577	29	27.00		Fish Egg Inlet
19412	1942	1	28	9	2070	29	27.00		Bella Bella, Lama Pass, Raft Ck, Doris Lk & Evans Arm
19412	1942	2	11	9	577	29	398.00		Fish Egg Inlet
19412	1942	2	11	9	2070	29	398.00		Bella Bella, Lama Pass, Raft Ck, Doris Lk & Evans Arm
19412	1942	2	18	9	577	29	120.00		Fish Egg Inlet
19412	1942	2	18	9	2070	29	120.00		Bella Bella, Lama Pass, Raft Ck, Doris Lk & Evans Arm
19412	1942	3	4	9	577	29	166.00		Fish Egg Inlet
19412	1942	3	4	9	2070	29	166.00		Bella Bella, Lama Pass, Raft Ck, Doris Lk & Evans Arm
19412	1942	1		1	613	29	59.00		Draney Inlet
19412	1941			1	2112	29	20.00		Seymour Inlet & Nugent Sound
19412	1941	11	12	1	2120	29	43.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1941	11	19	1	2120	29	130.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1941	11	26	1	2120	29	123.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1941	12	3	1	2120	29	177.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1941	12	10	1	2120	29	122.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1941	12	17	1	2120	29	277.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1942	1	7	1	2120	29	548.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1942	1	14	1	2120	29	638.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19412	1942	1	21	1	2120	29	265.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1942	1	28	1	2120	29	86.00		Bones Bay, Ministrel Is, Simoon Sound, Serpentine Pass, Knight Inlet, Batt & Ripple Bluffs, Kenneth Pass
19412	1941	9	24	1	2132	29	46.00		Deepwater Bay & Okisollo Channel
19412	1941	10	1	1	2132	29	257.00		Deepwater Bay & Okisollo Channel
19412	1941	10	8	1	2132	29	235.00		Deepwater Bay & Okisollo Channel
19412	1941	11	26	1	2132	29	130.00		Deepwater Bay & Okisollo Channel
19412	1941	12	3	1	2132	29	135.00		Deepwater Bay & Okisollo Channel
19412	1942	1	7	1	2132	29	823.00		Deepwater Bay & Okisollo Channel
19412	1942	1	14	1	2132	29	1187.00		Deepwater Bay & Okisollo Channel
19412	1942	1	21	1	2132	29	405.00		Deepwater Bay & Okisollo Channel
19412	1942	1	28	1	2132	29	404.00		Deepwater Bay & Okisollo Channel
19412	1942	2	3	1	2132	29	157.00		Deepwater Bay & Okisollo Channel
19412	1941	10	15	1	2172	29	378.00		Nanoose Bay out to Maude Island
19412	1941	10	22	1	2172	29	1550.00		Nanoose Bay out to Maude Island
19412	1941	10	29	1	2172	29	2912.00		Nanoose Bay out to Maude Island
19412	1941	11	5	1	2172	29	3555.00		Nanoose Bay out to Maude Island
19412	1941	11	12	1	2172	29	4405.00		Nanoose Bay out to Maude Island
19412	1941	11	19	1	2172	29	3290.00		Nanoose Bay out to Maude Island
19412	1941	11	24	1	2172	29	1150.00		Nanoose Bay out to Maude Island
19412	1942	1	28	1	2172	29	800.00		Nanoose Bay out to Maude Island
19412	1942	2	4	1	2172	29	2270.00		Nanoose Bay out to Maude Island
19412	1942	2	10	1	2172	29	1985.00		Nanoose Bay out to Maude Island
19412	1941	10	15	1	938	29	32.00		Trincomali Channel
19412	1941	10	22	1	938	29	33.00		Trincomali Channel
19412	1941	11	19	1	939	29	2261.00		off Montague Harbour
19412	1941	11	26	1	939	29	6681.00		off Montague Harbour
19412	1941	11	30	1	939	29	115.00		off Montague Harbour
19412	1941	12	7	1	939	29	1375.00		off Montague Harbour
19412	1941	10	1	1	2181	29	224.00		Swanson-Satellite Channel
19412	1941	10	8	1	2181	29	725.00		Swanson-Satellite Channel
19412	1941	10	15	1	2181	29	1985.00		Swanson-Satellite Channel
19412	1941	10	22	1	2181	29	4420.00		Swanson-Satellite Channel
19412	1941	10	29	1	2181	29	935.00		Swanson-Satellite Channel
19412	1941	11	5	1	2181	29	1357.00		Swanson-Satellite Channel
19412	1941	11	12	1	2181	29	829.00		Swanson-Satellite Channel
19412	1941	11	19	1	2181	29	311.00		Swanson-Satellite Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19412	1941	11	19	1	2230	29	16.00		Barkley Sound
19412	1941	12	3	1	2230	29	18.00		Barkley Sound
19412	1941	12	10	1	2230	29	173.00		Barkley Sound
19412	1942	2	11	1	2233	29	958.00		Effingham In & Vernon Bay
19412	1942	2	17	1	2233	29	246.00		Effingham In & Vernon Bay
19412	1942	1	7	1	2240	29	184.00		Clayoquot Sound, Mostly from Sydney Inlet
19412	1942	1	14	1	2240	29	410.00		Clayoquot Sound, Mostly from Sydney Inlet
19412	1942	1	21	1	2240	29	234.00		Clayoquot Sound, Mostly from Sydney Inlet
19412	1942	1	28	1	2240	29	92.00		Clayoquot Sound, Mostly from Sydney Inlet
19412	1942	2	4	1	2240	29	36.00		Clayoquot Sound, Mostly from Sydney Inlet
19412	1942	1	28	1	2250	29	5.00		Tasis Canal, Queens Cove, Esperanza Inlet & Port Eliza
19412	1942	2	4	1	2250	29	1155.00		Tasis Canal, Queens Cove, Esperanza Inlet & Port Eliza
19412	1942	2	11	1	2250	29	815.00		Tasis Canal, Queens Cove, Esperanza Inlet & Port Eliza
19412	1942	2	17	1	2250	29	841.00		Tasis Canal, Queens Cove, Esperanza Inlet & Port Eliza
19412	1941	12	3	1	2260	29	115.00		Amai Inlet & Ououkinish Inlet
19412	1941	12	10	1	2260	29	590.00		Amai Inlet & Ououkinish Inlet
19412	1941	12	17	1	2260	29	120.00		Amai Inlet & Ououkinish Inlet
19412	1942	1	7	1	2260	29	500.00		Amai Inlet & Ououkinish Inlet
19412	1942	1	14	1	2260	29	2242.00		Amai Inlet & Ououkinish Inlet
19412	1942	1	21	1	2260	29	735.00		Amai Inlet & Ououkinish Inlet
19412	1942	2	11	1	2260	29	218.00		Amai Inlet & Ououkinish Inlet
19412	1942	1	28	1	1311	29	475.00		Klaskish Inlet
19412	1942	2	4	1	2273	29	630.00		Klaskish Inlet & Forward Inlet
19412	1942	2	11	1	1319	29	1140.00		Forward Inlet
19412	1942	2	16	1	1319	29	1015.00		Forward Inlet
19412	1941			9	2280	19	70.00		Howe Sound
19412	1941			9	2290	19	70.00		Fraser River
19423	1943	2	25	1	2020	29	10.00	1	East Coast QCI
19423	1943	4		1	32	29	315.00	3	Prince Rupert District (area 3-5)
19423	1943	2	17	9	2067	29	46.00	1	Laredo Inlet & Meyers Pass
19423	1943	2	17	9	530	29	46.00	1	Klemtu Pass
19423	1943	2	24	9	2067	29	685.00	1	Laredo Inlet & Meyers Pass
19423	1943	2	24	9	530	29	685.00	1	Klemtu Pass
19423	1943	3	3	9	2067	29	14.00	1	Laredo Inlet & Meyers Pass
19423	1943	3	3	9	530	29	14.00	1	Klemtu Pass
19423	1943	1		1	577	29	54.00	1	Fish Egg Inlet
19423	1943	2		1	590	29	114.00	1	Cousins Inlet
19423	1943	3	6	1	2090	29	52.00	1	Rivers Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19423	1943	3	8	1	2090	29	283.00	1	Rivers Inlet
19423	1942	11	11	1	2120	29	65.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1942	11	18	1	2120	29	360.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1942	11	25	1	2120	29	334.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1942	12	2	1	2120	29	253.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1942	12	9	1	2120	29	486.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1942	12	16	1	2120	29	915.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1943	1	6	1	2120	29	500.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1943	1	13	1	2120	29	80.00	1	Bones Bay, Ministrel Is, Knight Inlet head & Serpentine Pass
19423	1943	3		1	1383	29	2.50	3	Bull Harbour
19423	1943	3		1	697	29	83.70	3	Retreat Pass
19423	1943	3		1	2125	29	30.50	3	Shoal Harbour & Bonwick Island
19423	1942	11	11	1	2130	29	92.00	1	Quathiaksi, mostly Deepwater Bay
19423	1942	11	18	1	2130	29	270.00	1	Quathiaksi, mostly Deepwater Bay
19423	1942	11	25	1	2130	29	143.00	1	Quathiaksi, mostly Deepwater Bay
19423	1942	12	2	1	2130	29	65.00	1	Quathiaksi, mostly Deepwater Bay
19423	1943	1	13	1	2130	29	135.00	1	Quathiaksi, mostly Deepwater Bay
19423	1943	1	27	1	2130	29	763.00	1	Quathiaksi, mostly Deepwater Bay
19423	1943	2	2	1	2130	29	307.00	1	Quathiaksi, mostly Deepwater Bay
19423	1943	1	6	1	817	29	1410.00	1	Deep Bay
19423	1943	1	13	1	817	29	3205.00	1	Deep Bay
19423	1943	1	20	1	817	29	1545.00	1	Deep Bay
19423	1942	10	7	1	995	29	105.00	1	Nanoose Bay
19423	1942	10	14	1	995	29	427.00	1	Nanoose Bay
19423	1942	10	21	1	995	29	1875.00	1	Nanoose Bay
19423	1942	10	28	1	995	29	1355.00	1	Nanoose Bay
19423	1942	11	4	1	995	29	3716.00	1	Nanoose Bay
19423	1942	11	11	1	995	29	2794.00	1	Nanoose Bay
19423	1942	11	18	1	995	29	230.00	1	Nanoose Bay
19423	1942	11	25	1	995	29	1440.00	1	Nanoose Bay
19423	1942	12	2	1	995	29	3695.00	1	Nanoose Bay
19423	1943	1	6	1	995	29	1301.00	1	Nanoose Bay
19423	1942	11	11	1	992	29	5.00	1	South of Dodds Narrows
19423	1942	11	25	1	992	29	285.00	1	South of Dodds Narrows
19423	1942	11	18	1	1005	29	3605.00	1	Satellite Channel
19423	1942	11	25	1	1005	29	2657.00	1	Satellite Channel
19423	1942	12	2	1	1005	29	1655.00	1	Satellite Channel
19423	1942	12	9	1	1005	29	5095.00	1	Satellite Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19423	1942	12	16	1	1005	29	4838.00	1	Satellite Channel
19423	1943	1	6	1	1005	29	530.00	1	Satellite Channel
19423	1943	1	13	1	1005	29	325.00	1	Satellite Channel
19423	1942	11	11	1	2230	29	16.00	1	Barkley Sound
19423	1942	11	18	1	2230	29	141.00	1	Barkley Sound
19423	1942	11	25	1	2230	29	70.00	1	Barkley Sound
19423	1943	1	6	1	2230	29	15.00	1	Barkley Sound
19423	1943	1	13	1	2230	29	405.00	1	Barkley Sound
19423	1943	1	20	1	2230	29	142.00	1	Barkley Sound
19423	1943	1	27	1	2230	29	105.00	1	Barkley Sound
19423	1942	12	2	1	2240	29	270.00	1	Sydney Inlet & Hesquiat Harbour
19423	1942	12	9	1	2240	29	1.00	1	Sydney Inlet & Hesquiat Harbour
19423	1942	12	16	1	2240	29	265.00	1	Sydney Inlet & Hesquiat Harbour
19423	1943	1	6	1	2240	29	70.00	1	Sydney Inlet & Hesquiat Harbour
19423	1943	1	20	1	2240	29	460.00	1	Sydney Inlet & Hesquiat Harbour
19423	1943	2	3	1	2240	29	65.00	1	Sydney Inlet & Hesquiat Harbour
19423	1943	2	10	1	2240	29	460.00	1	Sydney Inlet & Hesquiat Harbour
19423	1943	2	17	1	2240	29	770.00	1	Sydney Inlet & Hesquiat Harbour
19423	1943	2	3	1	2250	29	636.00	1	Port Eliza & Queens Cove, Tasis Canal & Nootka Sound
19423	1943	2	10	1	2250	29	1508.00	1	Port Eliza & Queens Cove, Tasis Canal & Nootka Sound
19423	1943	2	17	1	2250	29	758.00	1	Port Eliza & Queens Cove, Tasis Canal & Nootka Sound
19423	1942	10	9	1	2260	29	2925.00	1	Ououkinsh Inlet, Malskope Inlet & Kyuquot Sound
19423	1942	10	16	1	2260	29	2205.00	1	Ououkinsh Inlet, Malskope Inlet & Kyuquot Sound
19423	1943	1	6	1	2260	29	515.00	1	Ououkinsh Inlet, Malskope Inlet & Kyuquot Sound
19423	1943	1	13	1	2260	29	359.00	1	Ououkinsh Inlet, Malskope Inlet & Kyuquot Sound
19423	1943	2	15	1	2260	29	60.00	1	Ououkinsh Inlet, Malskope Inlet & Kyuquot Sound
19423	1943	1	13	1	2270	29	210.00	1	Klaskish Inlet & Forward Inlet
19423	1943	2	3	1	1319	29	565.00	1	Forward Inlet
19423	1943	2	10	1	1319	29	1620.00	1	Forward Inlet
19423	1943	2	14	1	1319	29	400.00	1	Forward Inlet
19423	1942			9	2280	19	230.00		Howe Sound
19423	1942			9	2290	19	230.00		Fraser River
19434	1944	3		9	2030	29	50.00	3	Nass
19434	1944	3		9	2040	29	50.00	3	Skeena
19434	1944	2	23	1	2060	29	362.00	1	Butedale
19434	1944	3	1	1	2060	29	345.00	1	Butedale
19434	1943	12	1	1	602	29	1210.00	1	Kwakshua Pass
19434	1943	12	8	1	602	29	2287.00	1	Kwakshua Pass

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19434	1943	12	15	1	602	29	707.00	1	Kwakshua Pass
19434	1944	1	7	1	602	29	2809.00	1	Kwakshua Pass
19434	1944	1	12	1	602	29	2950.00	1	Kwakshua Pass
19434	1944	1	19	1	602	29	3693.00	1	Kwakshua Pass
19434	1944	1	26	1	602	29	5810.00	1	Kwakshua Pass
19434	1944	2	2	1	602	29	2045.00	1	Kwakshua Pass
19434	1943	11		1	577	29	51.00	1	Fish Egg Inlet
19434	1943	11		1	613	29	47.00	1	Drainey Inlet
19434	1943	11	3	1	2120	29	247.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	11	10	1	2120	29	260.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	11	17	1	2120	29	265.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	11	24	1	2120	29	450.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	12	1	1	2120	29	566.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	12	8	1	2120	29	368.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	12	15	1	2120	29	480.00	1	Clio Channel, Serpentine Pass & Knight Inlet
19434	1943	10	27	1	766	29	2035.00	1	Deepwater Bay
19434	1943	11	3	1	466	29	1625.00	1	Deepwater Bay
19434	1943	11	24	1	817	29	520.00	1	Deep Bay
19434	1943	12	1	1	817	29	225.00	1	Deep Bay
19434	1943	12	8	1	817	29	150.00	1	Deep Bay
19434	1943	10	6	1	995	29	222.00	1	Nanoose Bay
19434	1943	10	13	1	995	29	913.00	1	Nanoose Bay
19434	1943	10	20	1	995	29	70.00	1	Nanoose Bay
19434	1943	10	27	1	995	29	180.00	1	Nanoose Bay
19434	1943	11	17	1	995	29	1750.00	1	Nanoose Bay
19434	1943	11	24	1	995	29	4405.00	1	Nanoose Bay
19434	1943	12	1	1	995	29	2132.00	1	Nanoose Bay
19434	1943	12	8	1	995	29	2006.00	1	Nanoose Bay
19434	1943	12	15	1	995	29	1786.00	1	Nanoose Bay
19434	1944	1	12	1	995	29	877.00	1	Nanoose Bay
19434	1944	1	19	1	995	29	60.00	1	Nanoose Bay
19434	1943	10	6	1	2173	29	145.00	1	Dodd Narrows to Reid Is
19434	1943	10	13	1	2173	29	890.00	1	Dodd Narrows to Reid Is
19434	1943	10	20	1	2173	29	2183.00	1	Dodd Narrows to Reid Is
19434	1943	10	27	1	2173	29	93.00	1	Dodd Narrows to Reid Is
19434	1943	11	3	1	2173	29	534.00	1	Dodd Narrows to Reid Is
19434	1943	11	24	1	2173	29	679.00	1	Dodd Narrows to Reid Is
19434	1943	12	1	1	2173	29	2184.00	1	Dodd Narrows to Reid Is

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19434	1943	12	15	1	2173	29	960.00	1	Dodd Narrows to Reid Is
19434	1944	1	5	1	2173	29	115.00	1	Dodd Narrows to Reid Is
19434	1944	1	26	1	2173	29	100.00	1	Dodd Narrows to Reid Is
19434	1944	2	2	1	2173	29	78.00	1	Dodd Narrows to Reid Is
19434	1944	2	9	1	2173	29	55.00	1	Dodd Narrows to Reid Is
19434	1943	9	30	1	2181	29	50.00	1	Swanson & Satellite Channel
19434	1943	10	6	1	2181	29	65.00	1	Swanson & Satellite Channel
19434	1943	11	3	1	2181	29	110.00	1	Swanson & Satellite Channel
19434	1943	11	10	1	2181	29	5205.00	1	Swanson & Satellite Channel
19434	1943	11	17	1	2181	29	3255.00	1	Swanson & Satellite Channel
19434	1943	11	24	1	2181	29	171.00	1	Swanson & Satellite Channel
19434	1943	12	1	1	2181	29	70.00	1	Swanson & Satellite Channel
19434	1943	12	8	1	2181	29	2717.00	1	Swanson & Satellite Channel
19434	1943	12	15	1	2181	29	1130.00	1	Swanson & Satellite Channel
19434	1943	12	8	1	2230	29	146.00	1	Imperial Eagel Channel & Peacock Channel (mostly)
19434	1943	12	15	1	2230	29	255.00	1	Imperial Eagel Channel & Peacock Channel (mostly)
19434	1944	1	5	1	2230	29	250.00	1	Imperial Eagel Channel & Peacock Channel (mostly)
19434	1944	1	12	1	2230	29	480.00	1	Imperial Eagel Channel & Peacock Channel (mostly)
19434	1944	1	19	1	2230	29	2212.00	1	Imperial Eagel Channel & Peacock Channel (mostly)
19434	1944	1	25	1	2230	29	145.00	1	Imperial Eagel Channel & Peacock Channel (mostly)
19434	1944	1	5	1	1205	29	2370.00	1	Sydney Inlet
19434	1944	1	12	1	1205	29	1435.00	1	Sydney Inlet
19434	1944	1	26	1	1205	29	10.00	1	Sydney Inlet
19434	1943	11	10	1	2250	29	10.00	1	Nootka Sound
19434	1943	11	17	1	2270	29	105.00	1	Quatsino Sound
19434	1943			9	2280	19	270.00		Howe Sound
19434	1943			9	2290	19	270.00		Fraser River
19445	1945	2	14	1	314	29	90.00	1	Hevenor Inlet
19445	1945	2	21	1	314	29	895.00	1	Hevenor Inlet
19445	1945	3		1	287	29	46.00	3	Hunt Inlet (Area 4)
19445	1945	1	10	1	2060	29	710.00	1	Butedale-Laredo
19445	1945	1	17	1	2060	29	4152.00	1	Butedale-Laredo
19445	1945	1	24	1	2060	29	5542.00	1	Butedale-Laredo
19445	1945	1	31	1	2060	29	3182.00	1	Butedale-Laredo
19445	1945	2	5	1	368	29	1000.00	1	Surf Inlet
19445	1945	2	7	1	2060	29	1723.00	1	Butedale-Laredo
19445	1945	2	14	1	2060	29	2630.00	1	Butedale-Laredo
19445	1945	2	21	1	2060	29	1773.00	1	Butedale-Laredo

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19445	1945	1	10	1	2070	29	20.00	1	Bella Bella
19445	1945	2	14	1	2070	29	145.00	1	Bella Bella
19445	1945	2	21	1	2070	29	435.00	1	Bella Bella
19445	1945	2	28	1	2070	29	435.00	1	Bella Bella
19445	1945	2		1	577	29	621.00	1	Fish Egg Inlet
19445	1944	10		1	590	29	138.00	1	Cousins Inlet
19445	1945	2	14	1	2080	29	460.00	1	Bella Coola
19445	1944	11		1	615	29	554.00	1	Moses Inlet
19445	1944	10	11	1	2120	29	75.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	10	18	1	2120	29	152.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	10	25	1	2120	29	260.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	11	1	1	2120	29	556.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	11	8	1	2120	29	275.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	11	15	1	2120	29	377.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	11	22	1	2120	29	1754.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	11	29	1	2120	29	2016.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	12	6	1	2120	29	1099.00	1	Queen Charlotte Strait (Alert Bay)
19445	1944	12	13	1	2120	29	722.00	1	Queen Charlotte Strait (Alert Bay)
19445	1945	3		1	2125	29	213.00	3	Cramer and Retreat Pass
19445	1945	5		1	2121	29	86.00	1	Browning and Channelristie Pass
19445	1944	9	7	1	2132	29	660.00	1	Deepwater & Granite Bays
19445	1944	10	4	1	2132	29	1458.00	1	Deepwater & Granite Bays
19445	1944	10	11	1	2132	29	1700.00	1	Deepwater & Granite Bays
19445	1945	2		1	2130	29	221.00	3	Quathiaski
19445	1944	10	18	1	995	29	10.00	1	Nanoose Bay
19445	1944	11	8	1	995	29	75.00	1	Nanoose Bay
19445	1944	11	29	1	995	29	240.00	1	Nanoose Bay
19445	1945	1	24	1	995	29	6.00	1	Nanoose Bay
19445	1944	10	18	1	938	29	2469.00	1	Trincomali Channel
19445	1944	10	25	1	938	29	95.00	1	Trincomali Channel
19445	1944	11	1	1	938	29	493.00	1	Trincomali Channel
19445	1944	11	8	1	938	29	101.00	1	Trincomali Channel
19445	1944	11	15	1	938	29	3142.00	1	Trincomali Channel
19445	1944	11	22	1	938	29	868.00	1	Trincomali Channel
19445	1944	11	29	1	938	29	1357.00	1	Trincomali Channel
19445	1944	12	6	1	938	29	991.00	1	Trincomali Channel
19445	1944	12	13	1	938	29	700.00	1	Trincomali Channel
19445	1944	12	20	1	938	29	783.00	1	Trincomali Channel

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19445	1945	1	3	1	938	29	120.00	1	Trincomali Channel
19445	1945	1	10	1	938	29	387.00	1	Trincomali Channel
19445	1945	1	17	1	938	29	337.00	1	Trincomali Channel
19445	1945	1	31	1	938	29	80.00	1	Trincomali Channel
19445	1944	10	11	1	2181	29	345.00	1	Swanson & Satellite Channel
19445	1944	10	18	1	2181	29	1262.00	1	Swanson & Satellite Channel
19445	1944	10	25	1	2181	29	1263.00	1	Swanson & Satellite Channel
19445	1944	11	1	1	2181	29	1019.00	1	Swanson & Satellite Channel
19445	1944	11	8	1	2181	29	2618.00	1	Swanson & Satellite Channel
19445	1944	11	15	1	2181	29	3507.00	1	Swanson & Satellite Channel
19445	1944	11	22	1	2181	29	4325.00	1	Swanson & Satellite Channel
19445	1944	11	29	1	2181	29	1573.00	1	Swanson & Satellite Channel
19445	1944	12	6	1	2181	29	6027.00	1	Swanson & Satellite Channel
19445	1944	12	13	1	2181	29	427.00	1	Swanson & Satellite Channel
19445	1945	1	17	1	2230	29	1393.00	1	Barkley Sound
19445	1945	1	24	1	2230	29	1921.00	1	Barkley Sound
19445	1945	1	31	1	2230	29	952.00	1	Barkley Sound
19445	1945	2	7	1	2230	29	157.00	1	Barkley Sound
19445	1944	11	15	1	2240	29	100.00	1	Clayoquot Sound
19445	1944	12	14	1	2240	29	367.00	1	Clayoquot Sound
19445	1945	1	3	1	2240	29	590.00	1	Clayoquot Sound
19445	1945	1	10	1	2240	29	1551.00	1	Clayoquot Sound
19445	1945	1	17	1	2240	29	1815.00	1	Clayoquot Sound
19445	1945	1	24	1	2240	29	660.00	1	Clayoquot Sound
19445	1945	1	31	1	2240	29	175.00	1	Clayoquot Sound
19445	1944	12	13	1	2250	29	45.00	1	Nootka Sound
19445	1945	1	10	1	2250	29	930.00	1	Nootka Sound
19445	1945	1	24	1	2250	29	2958.00	1	Nootka Sound
19445	1945	1	31	1	2250	29	3475.00	1	Nootka Sound
19445	1945	2	7	1	2250	29	180.00	1	Nootka Sound
19445	1944	11	29	1	2260	29	85.00	1	Kyuquot Sound
19445	1944	11	22	1	2270	29	41.00	1	Quatsino Sound
19445	1944	12	6	1	2270	29	140.00	1	Quatsino Sound
19445	1944			9	2280	19	490.00		Howe Sound
19445	1944			9	2290	19	490.00		Fraser River
19456	1946	4		1	287	29	255.00	3	Hunt Inlet (Area 4)
19456	1946	1	23	1	314	29	20.00	1	Hevenor Inlet
19456	1946	2	20	1	314	29	1090.00	1	Hevenor Inlet

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19456	1946	2	27	1	314	29	95.00	1	Hevenor Inlet
19456	1946	3	6	1	314	29	412.00	1	Hevenor Inlet
19456	1946	1	16	1	2060	29	2025.00	1	Butedale-Laredo
19456	1946	1	23	1	2060	29	632.00	1	Butedale-Laredo
19456	1946	2	27	1	2060	29	2337.00	1	Butedale-Laredo
19456	1946	3	6	1	2060	29	3530.00	1	Butedale-Laredo
19456	1945			1	441	29	73.00	1	Lama Pass
19456	1946	1	16	1	2112	29	85.00	1	Nugent Sound & Vicinity
19456	1945	9	26	1	2120	29	8.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	10	3	1	2120	29	131.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	10	17	1	2120	29	53.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	10	24	1	2120	29	138.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	10	31	1	2120	29	257.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	11	7	1	2120	29	138.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	11	14	1	2120	29	495.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	11	21	1	2120	29	305.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	11	28	1	2120	29	1130.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	12	5	1	2120	29	869.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	12	12	1	2120	29	522.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	12	17	1	2120	29	515.00	1	Queen Charlotte Strait (Alert Bay)
19456	1946	1	9	1	2120	29	400.00	1	Queen Charlotte Strait (Alert Bay)
19456	1946	1	16	1	2120	29	10.00	1	Queen Charlotte Strait (Alert Bay)
19456	1946	1	30	1	2120	29	15.00	1	Queen Charlotte Strait (Alert Bay)
19456	1945	9	19	1	2132	29	40.00	1	Deepwater & Granite Bays
19456	1945	9	26	1	2132	29	180.00	1	Deepwater & Granite Bays
19456	1945	10	3	1	2132	29	498.00	1	Deepwater & Granite Bays
19456	1945	10	10	1	2132	29	55.00	1	Deepwater & Granite Bays
19456	1945	10	23	1	2132	29	2340.00	1	Deepwater & Granite Bays
19456	1945	9	26	1	995	29	41.00	1	Nanoose Bay
19456	1945	10	3	1	995	29	970.00	1	Nanoose Bay
19456	1945	10	10	1	995	29	65.00	1	Nanoose Bay
19456	1945	10	17	1	995	29	1165.00	1	Nanoose Bay
19456	1945	10	24	1	995	29	592.00	1	Nanoose Bay
19456	1945	10	31	1	995	29	1266.00	1	Nanoose Bay
19456	1945	11	7	1	995	29	238.00	1	Nanoose Bay
19456	1945	11	14	1	995	29	138.00	1	Nanoose Bay
19456	1945	11	21	1	995	29	127.00	1	Nanoose Bay
19456	1945	12	11	1	995	29	702.00	1	Nanoose Bay

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19456	1945	9	19	1	2173	29	19.00	1	Porlier Pass and Walker Rock
19456	1945	9	26	1	2173	29	1154.00	1	Porlier Pass and Walker Rock
19456	1945	10	3	1	2173	29	235.00	1	Porlier Pass and Walker Rock
19456	1945	10	10	1	2173	29	155.00	1	Porlier Pass and Walker Rock
19456	1945	10	24	1	2173	29	1640.00	1	Porlier Pass and Walker Rock
19456	1945	10	31	1	2173	29	333.00	1	Porlier Pass and Walker Rock
19456	1945	12	5	1	2173	29	175.00	1	Porlier Pass and Walker Rock
19456	1945	10	10	1	2181	29	2145.00	1	Swanson & Satellite Channel
19456	1945	10	17	1	2181	29	755.00	1	Swanson & Satellite Channel
19456	1945	10	31	1	2181	29	564.00	1	Swanson & Satellite Channel
19456	1945	11	7	1	2181	29	3411.00	1	Swanson & Satellite Channel
19456	1945	11	14	1	2181	29	3678.00	1	Swanson & Satellite Channel
19456	1945	11	21	1	2181	29	3536.00	1	Swanson & Satellite Channel
19456	1945	11	28	1	2181	29	4094.00	1	Swanson & Satellite Channel
19456	1945	12	5	1	2181	29	6024.00	1	Swanson & Satellite Channel
19456	1945	12	11	1	2181	29	1374.00	1	Swanson & Satellite Channel
19456	1945	12	5	1	2230	29	994.00	1	Barkley Sound
19456	1945	12	12	1	2230	29	6474.00	1	Barkley Sound
19456	1945	12	17	1	2230	29	1083.00	1	Barkley Sound
19456	1946	1	9	1	2230	29	4929.00	1	Barkley Sound
19456	1946	1	14	1	2230	29	2090.00	1	Barkley Sound
19456	1945	11	7	1	1205	29	17.00	1	Sydney Inlet
19456	1945	11	21	1	1205	29	45.00	1	Sydney Inlet
19456	1946	1	14	1	1205	29	3017.00	1	Sydney Inlet
19456	1946	1	14	1	2250	29	1495.00	1	Esperanza Inlet & Kendrick Arm
19456	1945	11	21	1	1288	21	120.00	1	Crowther Channel
19456	1945	11	14	1	1311	29	200.00	1	Klaskish Inlet
19456	1945			9	2280	19	290.00		Howe Sound
19456	1945			9	2290	19	290.00		Fraser River
19467	1947	2	26	1	198	29	466.00	1	Wark Channel
19467	1947	1	22	1	2052	29	2138.00	1	Kitkatla Inlet & Willis Bay
19467	1947	1	29	1	2052	29	555.00	1	Kitkatla Inlet & Willis Bay
19467	1946	9	25	9	530	29	50.00	1	Klemtu Pass
19467	1946	9	25	9	381	29	50.00	1	Swanson Bay
19467	1946	10	2	9	530	29	355.00	1	Klemtu Pass
19467	1946	10	2	9	381	29	355.00	1	Swanson Bay
19467	1946	10	9	9	530	29	140.00	1	Klemtu Pass
19467	1946	10	9	9	381	29	140.00	1	Swanson Bay

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19467	1946	10	16	9	530	29	70.00	1	Klemtu Pass
19467	1946	10	16	9	381	29	70.00	1	Swanson Bay
19467	1947	2	26	1	2060	29	575.00	1	Surf Inlet & Laredo Inlet
19467	1947	3	5	1	2060	29	1404.00	1	Surf Inlet & Laredo Inlet
19467	1947	3	9	1	2060	29	585.00	1	Surf Inlet & Laredo Inlet
19467	1947	2	26	1	2070	29	980.00	1	Campbell Is area & Boddy Pass
19467	1947	3	5	1	2070	29	1130.00	1	Campbell Is area & Boddy Pass
19467	1947	3	9	1	2070	29	635.00	1	Campbell Is area & Boddy Pass
19467	1946	10	16	1	2120	29	32.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	10	23	1	2120	29	128.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	10	30	1	2120	29	342.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	11	6	1	2120	29	77.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	11	13	1	2120	29	639.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	11	20	1	2120	29	100.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	11	27	1	2120	29	673.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	11	28	1	1730	29	210.00	1	Upper Knight Inlet
19467	1946	11	29	1	1730	29	455.00	1	Upper Knight Inlet
19467	1946	12	4	1	2120	29	747.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	12	11	1	2120	29	998.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1946	12	16	1	2120	29	295.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1947	1	8	1	2120	29	385.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1947	1	15	1	2120	29	125.00	1	Upper Knight Inlet, Clio Channel, Bones Bay, Mackenzie & Grapple Sound, Pt Harvey, retreat & Crammer Pass
19467	1947	3		1	2125	29	125.00	3	Retreat & Cramer Pass
19467	1946	9	25	1	2130	29	183.00	1	Quathiaski
19467	1946	10	2	1	2130	29	585.00	1	Quathiaski
19467	1946	10	9	1	2130	29	90.00	1	Quathiaski

Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19467	1946	10	16	1	2130	29	3.00	1	Quathiaski
19467	1946	10	23	1	2130	29	130.00	1	Quathiaski
19467	1946	10	30	1	2130	29	568.00	1	Quathiaski
19467	1946	10	11	1	2130	29	1290.00	1	Quathiaski
19467	1946	10	16	1	2142	29	193.00	1	Cape Lazo, Lambert Channel, Baynes Sound & Deep Bay
19467	1946	10	23	1	2142	29	1734.00	1	Cape Lazo, Lambert Channel, Baynes Sound & Deep Bay
19467	1946	10	30	1	2142	29	505.00	1	Cape Lazo, Lambert Channel, Baynes Sound & Deep Bay
19467	1946	10	23	1	2172	29	496.00	1	Nanoose Bay Area
19467	1946	10	30	1	2172	29	321.00	1	Nanoose Bay Area
19467	1946	11	6	1	2172	29	110.00	1	Nanoose Bay Area
19467	1946	11	13	1	2172	29	143.00	1	Nanoose Bay Area
19467	1946	11	20	1	2172	29	566.00	1	Nanoose Bay Area
19467	1946	11	27	1	2172	29	558.00	1	Nanoose Bay Area
19467	1946	12	4	1	2172	29	108.00	1	Nanoose Bay Area
19467	1946	10	2	1	2173	29	490.00	1	Walker Rock & Porlier Pass, Trincomali Channel Area
19467	1946	10	9	1	2173	29	326.00	1	Walker Rock & Porlier Pass, Trincomali Channel Area
19467	1946	10	16	1	2173	29	15.00	1	Walker Rock & Porlier Pass, Trincomali Channel Area
19467	1946	10	9	1	2181	29	504.00	1	Swanson Channel & Satellite Channel
19467	1946	10	16	1	2181	29	604.00	1	Swanson Channel & Satellite Channel
19467	1946	10	23	1	2181	29	462.00	1	Swanson Channel & Satellite Channel
19467	1946	10	30	1	2181	29	5201.00	1	Swanson Channel & Satellite Channel
19467	1946	11	6	1	2181	29	5096.00	1	Swanson Channel & Satellite Channel
19467	1946	11	13	1	2181	29	3376.00	1	Swanson Channel & Satellite Channel
19467	1946	11	20	1	2181	29	1658.00	1	Swanson Channel & Satellite Channel
19467	1946	11	27	1	2181	29	4609.00	1	Swanson Channel & Satellite Channel
19467	1946	12	4	1	2181	29	2814.00	1	Swanson Channel & Satellite Channel
19467	1946	12	8	1	2181	29	795.00	1	Swanson Channel & Satellite Channel
19467	1946	11	27	1	2230	29	1240.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1946	12	4	1	2230	29	2757.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1946	12	11	1	2230	29	5860.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1946	12	16	1	2230	29	4323.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1947	1	8	1	2230	29	1879.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1947	1	15	1	2230	29	1215.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1947	1	22	1	2230	29	644.00	1	Barkley Sound, mainly Mayne Bay, Sechart Channel & Peacock Channel
19467	1946	11	20	1	2243	29	60.00	1	Refuge Cove (Hot Springs Cove) & Sydney Inlet
19467	1946	11	27	1	2243	29	1340.00	1	Refuge Cove (Hot Springs Cove) & Sydney Inlet
19467	1946	12	4	1	2243	29	310.00	1	Refuge Cove (Hot Springs Cove) & Sydney Inlet
19467	1947	1	8	1	2243	29	580.00	1	Refuge Cove (Hot Springs Cove) & Sydney Inlet

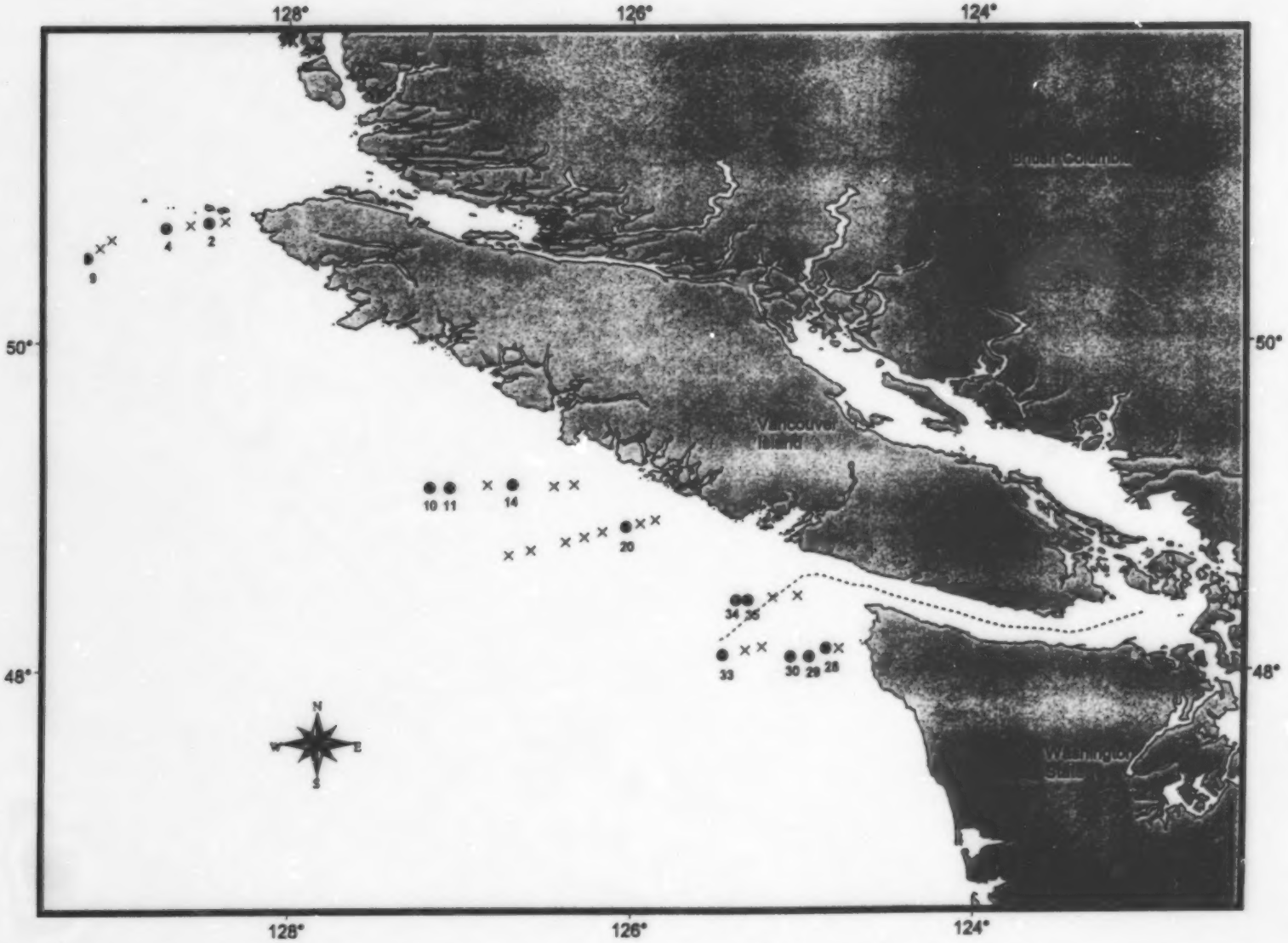
Appendix Table 2 - (Cont'd)

Season	Year	Month	Day	Position	LocCode	Gear	Catch (tons)	Disposal	AreaName
19467	1947	1	15	1	2243	29	3510.00	1	Refuge Cove (Hot Springs Cove) & Sydney Inlet
19467	1947	1	22	1	2243	29	60.00	1	Refuge Cove (Hot Springs Cove) & Sydney Inlet
19467	1947	1	8	1	2250	29	6695.00	1	Nootka Sound, Esperanza Inlet, Tahsis Inlet
19467	1947	1	8	1	1270	29	1200.00	1	Espinosa Inlet
19467	1947	1	15	1	2250	29	4040.00	1	Nootka Sound, Esperanza Inlet, Tahsis Inlet
19467	1947	1	22	1	2250	29	2374.00	1	Nootka Sound, Esperanza Inlet, Tahsis Inlet
19467	1946			9	2280	19	240.00		Howe Sound
19467	1946			9	2290	19	240.00		Fraser River
19478	1948	1	21	1	2050	29	1170.00	1	Grenville-Principe
19478	1948	1	28	1	2050	29	7856.00	1	Grenville-Principe
19478	1948	2	4	1	2050	29	8745.00	1	Grenville-Principe
19478	1947	11		9	2078	29	871.00	1	Poison Cove & Klemtu Pass
19478	1947	11		9	379	29	871.00	1	Aaltanhash Inlet
19478	1948	1	14	9	2060	29	206.00	1	Butedale
19478	1948	1	14	9	530	29	206.00	1	Klemtu Pass
19478	1948	1	21	9	2060	29	42.00	1	Butedale
19478	1948	1	21	9	530	29	42.00	1	Klemtu Pass
19478	1948	1	7	9	2070	29	35.00	1	Boddy Pass, Thompson Bay & Cultus Sound
19478	1948	1	7	9	570	29	35.00	1	Nalau Pass
19478	1948	1	7	9	618	29	35.00	1	Safety Cove
19478	1948	1	21	9	2070	29	580.00	1	Boddy Pass, Thompson Bay & Cultus Sound
19478	1948	1	21	9	570	29	580.00	1	Nalau Pass
19478	1948	1	21	9	618	29	580.00	1	Safety Cove
19478	1948	1	28	9	2070	29	180.00	1	Boddy Pass, Thompson Bay & Cultus Sound
19478	1948	1	28	9	570	29	180.00	1	Nalau Pass
19478	1948	1	28	9	618	29	180.00	1	Safety Cove
19478	1948	2	11	9	2070	29	1347.00	1	Boddy Pass, Thompson Bay & Cultus Sound
19478	1948	2	11	9	570	29	1347.00	1	Nalau Pass
19478	1948	2	11	9	618	29	1347.00	1	Safety Cove
19478	1948	2	18	9	2070	29	6641.00	1	Boddy Pass, Thompson Bay & Cultus Sound
19478	1948	2	18	9	570	29	6641.00	1	Nalau Pass
19478	1948	2	18	9	618	29	6641.00	1	Safety Cove
19478	1948	2	25	9	2070	29	320.00	1	Boddy Pass, Thompson Bay & Cultus Sound
19478	1948	2	25	9	570	29	320.00	1	Nalau Pass
19478	1948	2	25	9	618	29	320.00	1	Safety Cove
19478	1947	11	19	1	2080	29	678.00	1	S. Bentinck Arm & Kimsquit near Dean Channel head
19478	1947	11	26	1	2080	29	670.00	1	S. Bentinck Arm & Kimsquit near Dean Channel head
19478	1947	12	3	1	2080	29	300.00	1	S. Bentinck Arm & Kimsquit near Dean Channel head

Appendix 15 (cont'd)

Set Number	30	33	34	35
Area	Washington	Cape Alava	JDF	JDF
Date	06/27/98	06/27/98	06/28/98	06/28/98
Depth (m)	0	0	30	15
Latitude	48.08	48.09	48.42	48.42
Longitude	-125.18	-125.59	-125.51	-125.44
Effort (hr)	1	1	0.5	0.5
Net headrope temp (°C)	-	-	-	-
Sardine catch (kg)	5775	3.96	21.95	3300
Sardine catch per hour (kg/hr)	5775	3.96	43.89	6600
PACIFIC SARDINE (#)	35000	24	133	20000
PACIFIC HERRING (#)	-	-	-	-
COHO SALMON (#)	-	-	-	-
CHINOOK SALMON (#)	-	-	-	-
CHUM SALMON (#)	-	-	-	-
PINK SALMON (#)	-	-	-	-
SOCKEYE SALMON (#)	-	-	-	-
DEEPSEA SOLE (#)	-	-	-	-
JACK MACKEREL (#)	-	-	4	5
PACIFIC MACKEREL (#)	83	4	2	690
WIDOW ROCKFISH (#)	-	-	-	-
OCEAN SUNPERCH (#)	-	-	-	-
WOLF EEL (#)	-	-	-	-
SILVERGRAY ROCKFISH (#)	-	-	-	-
REDSTRIPE ROCKFISH (#)	-	-	-	-
YELLOWTAIL ROCKFISH (#)	-	-	-	-
PACIFIC HAKE (#)	-	-	-	-
DARKBLOTCHED ROCKFISH (#)	-	-	-	-

[a]From June 24 – 30, 1998, a total of 37 sets were completed off the west coast of Vancouver Island, from 50.73°N, 128.59°W to 48.08°N, 125.07°W, using a rope trawl. A total of 34 sets were made in surface waters (≤ 45m). Sardines were captured in 13 shallow sets (≤ 45m), and two deeper sets (set 5, 60m; set 12, 250m) (Appendix 15a). Sardines were the exclusive catch in both deeper sets. Species captured along with sardines in other sets included Pacific mackerel, jack mackerel and silvergrey rockfish.



Appendix 15a. Cruise 98-D, June 24 - 30, 1998. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 15b. Length frequency data, Cruise 98-D, June 24 - 28, 1998.

	2	4		5			9		10	11		12	14			20			28			30			33			34			35			TOTAL		
set	U	M	F	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
length																																				
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	0
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	3	2	1
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	3	0	14	20	1	0	-	-	2	-	-	4	2	-	25	25	1
21	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	0	2	28	25	2	2	-	-	4	4	-	5	1	-	41	31	4
22	-	1	1	1	-	-	-	-	-	2	1	-	2	1	1	7	6	1	-	1	-	32	46	0	2	5	1	30	18	-	18	14	-	95	93	3
23	-	0	1	-	-	-	-	1	-	6	5	1	26	8	6	18	16	-	-	-	-	25	21	1	1	0	-	25	19	1	17	11	-	118	82	9
24	-	1	1	-	1	-	2	6	-	16	11	2	55	49	9	14	30	-	-	-	-	7	18	-	5	1	-	9	16	-	7	13	1	116	146	12
25	-	1	1	-	-	-	1	0	1	-	3	1	17	35	1	1	3	-	-	-	-	2	4	-	1	0	-	1	1	-	1	3	-	25	50	3
26	1	1	1	-	-	-	-	2	-	-	2	-	2	13	-	-	1	-	-	-	-	-	-	-	2	1	-	2	1	-	1	1	-	8	22	1
27	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	0	1	-	-	-	-	-	-	-	2	2	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																																		435	453	35

Appendix 15c. Maturity data, Cruise 98-D June 24 - 30, 1998.

	2			5			11			14			28			30			33			
set	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	Total
Maturity																						
Immature	-	-	1	1	1	1	2	1	-	18	2	-	1	-	-	26	6	-	-	-	-	60
Ripening	-	-	-	-	-	-	-	-	-	26	29	-	-	-	-	15	46	-	-	-	-	116
Ripe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	5
Very ripe	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Spent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Total																						183

Appendix 15d. Stomach contents data, Cruise 98-D, June 24 - 30, 1998.

Set	# of stomachs	Total Volume (cc)	Digested Material (cc)	Scales (cc)	Phyto-plankton (cc)	Euphausiid (cc)	Cyclopoid (cc)	Filamentous Algae (cc)	Crab Megalops (cc)
14	27	14.41	3.04	4.25	3.63	-	0.025	-	0.38
29	30	16.35	2.23	-	7.5	1.3	-	0.75	-
TOTAL	57	30.76	5.27	4.25	11.13	1.3	0.025	0.75	0.38

Set	# of stomachs	Volume (cc)	Calanoid (cc)	Nauplii (cc)	Cypris (cc)	Euphausiid Eggs (cc)	Unidentified Eggs (cc)
14	27	14.41	0.024	0.1	0.01	2.83	0.001
29	30	16.35	0.04	-	-	3.79	-
TOTAL	57	30.76	0.064	0.1	0.01	6.62	0.001

Appendix 16. Set data, Cruise 98-E, south east Alaska and Queen Charlotte Islands, August 6 – 28, 1998. Data is presented for sets with sardine catch only.[a]

Set Number	14	24
Area	Cape Ommaney	-
Date	08/11/98	08/17/98
Depth (m)	35	45
Latitude	55.84	53.76
Longitude	135.32	130.88
Effort (hr)	0.67	0.47
Net headrope temp (°C)	14	14
Sardine catch (kg)	3.2	0.8
Sardine catch per hour (kg/hr)	4.8	1.30
PACIFIC SARDINE (kg)	3.2	0.8
PACIFIC HERRING (kg)	-	90.6
PINK SALMON (kg)	1.5	0.9
JELLYFISH (kg)	-	2.7

[a]From August 6 - 28, 1998, a total of 33 sets were completed from Dixon Entrance to Cape Ommaney, from 55.84°N, 135.32°W to 53.76°N, 130.88°W, using a rope trawl. A total of 5 sets were made in surface waters (≤ 45m), two of which contained sardines (Appendix 16a). Species captured along with sardines included Pacific herring and pink salmon.

Appendix 16a. Cruise 98-E, August 6 - 21, 1998. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 16b. Length frequency data, Cruise 98-E, August 11-17, 1998.

	14			24			TOTAL		
set	M	F	U	M	F	U	M	F	U
length									
5	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	2	-	-	2
14	-	-	-	-	-	8	-	-	8
15	-	-	-	-	-	12	-	-	12
16	-	-	-	-	-	1	-	-	1
17	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-
24	3	4	-	-	-	-	3	4	-
25	2	5	-	-	-	-	2	5	-
26	-	2	-	-	-	-	-	2	-
27	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-
Total							5	11	23

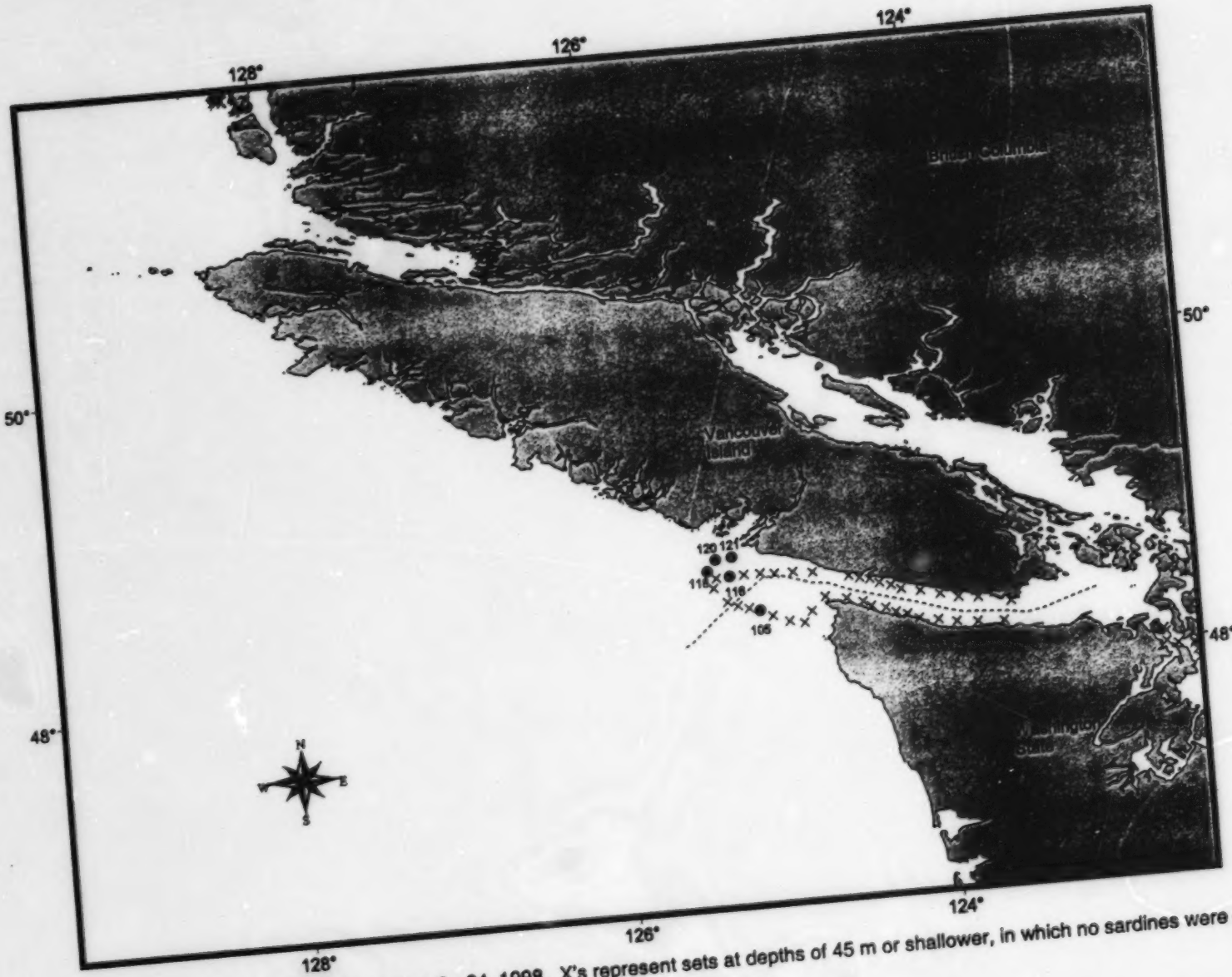
Appendix 16c. Stomach contents data, Cruise 98-E, August 6 - 21, 1998.

Set	# of stomachs	Total Volume (cc)	Digested Material (cc)	Amphipod (cc)	Calanoid (cc)	Euphausiid (cc)	Fish Larvae (cc)	Crab Megalops (cc)
14	13	11.4	0	0.52	0.89	9.7	0.24	0.01

Appendix 17. Set data, Cruise 98-F, west coast Vancouver Island, September 8 – 24, 1998. Data is presented for sets with sardine catch only.[a]

Set Number	105	116	118	119	120	121
Area	Washington	Finger Bank	Finger Bank	Finger Bank	Cape Beale	Cape Beale
Date	09/18/98	09/19/98	09/19/98	09/19/98	09/19/98	09/19/98
Depth (m)	4	4	4	-	4	4
Latitude	48.37	48.60	48.64	48.00	48.71	48.72
Longitude	-125.14	-125.31	-125.44	125.00	-125.39	-125.29
Effort hr	0.5	0.5	0.5	-	0.5	0.5
Net headrope temp (°C)	-	12	-	-	-	11
Sardine catch (kg)	1254	0.17	0.50	0.33	2.48	4.62
Sardine catch (kg/hr)	2508	0.33	0.99	-	4.95	9.24
PACIFIC SARDINE (#)	7600	1	3	2	15	28
CHINOOK SALMON (#)	-	-	-	-	-	1
COHO SALMON (#)	4	7	13	3	7	10
PINK SALMON (#)	-	-	-	1	-	-
JACK MACKEREL (#)	-	-	17	-	-	-
PACIFIC MACKEREL (#)	13	3	26	2	-	-
PACIFIC HAKE (#)	1	-	-	-	-	-
ROCKFISH (#)	1	-	-	-	-	-
JELLYFISH (#)	-	-	-	1	1	-

[a]From September 8 - 24, 1998, a total of 44 sets were completed off the west coast of Vancouver Island, from 48.71°N, 125.39°W to 48.18°N, 123.64°W, using a rope trawl. A total of 40 sets were made in surface waters (≤ 45m). Of the surface tows, sardines were captured in 6 sets (Appendix 17a). Species captured along with sardines included Pacific mackerel, jack mackerel and coho salmon.



Appendix 17a. Cruise 98-F, September 8 - 24, 1998. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 17b. Length frequency data, Cruise 98-F, September 8-24, 1998.

	105			116			118	119	121	TOTAL
set	M	F	U	M	F	U				
length										
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	1
21	1	-	-	-	-	-	-	-	-	34
22	16	5	7	2	2	1	1	-	-	109
23	10	12	26	9	7	38	0	-	7	198
24	18	6	67	9	11	77	1	1	8	156
25	3	8	60	8	8	58	1	1	9	57
26	2	2	25	0	4	21	-	-	3	18
27	0	0	7	1	2	7	-	-	1	10
28	1	0	3	0	1	5	-	-	-	1
29	-	-	0	-	-	1	-	-	-	1
30	-	-	1	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
Total										585

Appendix 17c. Stomach contents data, Cruise 98-F, September 8 - 24, 1998

Set	# of stomachs	Total Volume (cc)	Digested Material (cc)	Barnacle Nauplii (cc)	Scales (cc)	Euphausiid (cc)	Amphipod (cc)	Phyto-plankton (cc)	Gastropod (cc)	Cyclopoid (cc)	Calanoid (cc)
105	35	7.38	0.91	0.01	6.12	0.06	0.02	0.001	0.04	0.001	0.22

Appendix 18. Set data, Cruise 98-G, Strait of Georgia and Juan de Fuca Strait, November 17 – 28, 1998. Data is presented for sets with sardine catch only.[a]

Set Number	1	11	24	25	35	42
Area	Cape Mudge	NE Little River	Hornby Island	Cape Lazo	Gower Point	Thrasher rock
Date	11/17/98	11/17/98	11/19/98	11/19/98	11/20/98	11/20/98
Depth (m)	surf	15	surf	surf	surf	15
Latitude	49.98	49.82	49.63	49.71	49.34	49.17
Longitude	-125.08	-124.78	-124.77	-124.82	-123.56	-123.54
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	-	-	-	-	-	-
Sardine catch (kg)	0.17	0.50	0.33	12.87	0.17	0.17
Sardine catch per hour (kg/hr)	0.33	0.99	0.66	25.74	0.33	0.33
PACIFIC SARDINE (#)	1	3	2	78	1	1
COHO SALMON (#)	1	4	1	-	22	3
CHINOOK SALMON (#)	6	2	2	1	6	5
CHUM SALMON (#)	3	2	1	4	95	144
PINK SALMON (#)	1	-	4	-	66	7
SOCKEYE SALMON (#)	-	-	-	-	1	10
PACIFIC HERRING (#)	86	1	2	1272	176	-
PACIFIC HAKE (#)	-	4	-	-	7	-
JACK MACKEREL (#)	-	-	-	-	-	-
SPINY DOGFISH (#)	-	1	-	-	-	-
PACIFIC SANDLANCE (#)	-	-	-	-	-	-
BROWN IRISH LORD (#)	2	-	-	-	-	-
WALLEYE POLLOCK (#)	-	-	-	-	-	-
CALIFORNIA HEADLIGHTFISH (#)	-	13	-	-	-	-
MYCTOPHID (#)	-	-	-	-	1	-
SMELT (#)	-	-	-	-	1	-
ANCHOVY (#)	-	-	-	-	7	-
EULACHON (#)	-	-	-	-	1	-
SQUID (#)	-	27	21	-	-	2

Appendix 18 (cont'd)

Set Number	46	49	93	94	95	96
Area	North Arm	Sand Heads	Juan de Fuca	Pillar Point	Pillar Point	Slip Point
Date	11/20/98	11/21/98	11/25/98	11/25/98	11/25/98	11/25/98
Depth (m)	30	15	45	15	30	15
Latitude	49.22	49.05	48.20	48.22	48.25	48.28
Longitude	-123.30	-123.28	-123.81	-124.04	-124.14	-124.25
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	-	-	11.4	11.4	9	10.8
Sardine catch (kg)	0.17	0.50	4.29	0.50	1.49	1.65
Sardine catch per hour (kg/hr)	0.33	0.99	8.58	0.99	2.97	3.30
PACIFIC SARDINE (#)	1	3	26	3	9	10
COHO SALMON (#)	-	2	-	-	-	-
CHINOOK SALMON (#)	4	8	10	26	1	42
CHUM SALMON (#)	-	-	4	2	-	-
PINK SALMON (#)	-	-	-	-	-	-
SOCKEYE SALMON (#)	-	-	-	-	-	-
PACIFIC HERRING (#)	581	865	744	248	167	97
PACIFIC HAKE (#)	178	-	-	-	1	-
JACK MACKEREL (#)	-	-	-	-	1	-
SPINY DOGFISH (#)	4	-	-	-	-	-
PACIFIC SANDLANCE (#)	2	-	-	-	6	-
BROWN !RISH LORD (#)	-	-	-	-	-	-
WALLEYE POLLOCK (#)	688	-	-	-	-	-
CALIFORNIA HEADLIGHTFISH (#)	-	-	-	-	-	-
MYCTOPHID (#)	1	-	58	-	-	-
SMELT (#)	2	-	49	37	53	28
ANCHOVY (#)	33	-	-	-	1	1
EULACHON (#)	1	-	-	-	287	-
SQUID (#)	-	-	-	-	28	-
THREESPINE STICKLEBACK (#)	5	-	-	-	-	-
TURBOT (#)	-	-	-	-	-	-
OCEAN SUNFISH (#)	-	-	-	-	-	-
BLACK ROCKFISH (#)	-	-	-	-	-	-
SABLEFISH (#)	-	-	-	-	-	-
WIDOW ROCKFISH (#)	-	-	-	-	-	-
REX SOLE (#)	-	-	-	-	-	-
PACIFIC SANDDAB (#)	-	-	-	-	-	-
SLIPSKIN SNAILFISH (#)	-	-	-	-	-	-
STARRY FLOUNDER (#)	6	-	-	-	-	-
AMERICAN SHAD (#)	2	-	-	-	1	-
SNAKE PRICKLEBACK (#)	3	-	-	-	-	-
SHINER PERCH (#)	12	-	-	-	-	-
RIVER LAMPREY (#)	1	-	-	-	-	-
PACIFIC SANDFISH (#)	-	-	-	-	2	1

Appendix 18 (cont'd)

Set Number	98	99	100	101	102	103
Area	Shipwreck	Seal Rocks	Pt. San Juan	Bonilla Point	Ent. to JDF	Tatoosh Island
Date	11/25/98	11/25/98	11/26/98	11/26/98	11/26/98	11/26/98
Depth (m)	surf	30	surf	45	30	surf
Latitude	48.36	48.40	48.51	48.53	48.53	48.43
Longitude	-124.47	-124.56	-124.62	-124.68	-124.88	-124.68
Effort (hr)	0.5	0.5	0.5	0.08	0.5	0.5
Net headrope temp (°C)	11.6	11.5	11.5	11.6	12	11.8
Sardine catch (kg)	0.17	7.59	9.41	169.95	25.08	32.18
Sardine catch per hour (kg/hr)	0.33	15.18	18.81	2039.48	50.16	64.35
PACIFIC SARDINE (#)	1	46	57	1030	152	195
COHO SALMON (#)	10	-	-	-	-	2
CHINOOK SALMON (#)	38	9	7	1	24	202
CHUM SALMON (#)	1	-	2	2	3	2
PINK SALMON (#)	-	-	12	-	-	11
SOCKEYE SALMON (#)	-	-	-	-	-	-
PACIFIC HERRING (#)	-	270	148	-	114	3276
PACIFIC HAKE (#)	1	3	1	4	1	1
JACK MACKEREL (#)	-	-	-	1	-	-
SPINY DOGFISH (#)	2	22	-	-	-	-
PACIFIC SANDLANCE (#)	-	-	-	-	-	-
BROWN IRISH LORD (#)	-	-	-	-	-	-
WALLEYE POLLOCK (#)	-	1	-	-	-	-
CALIFORNIA HEADLIGHTFISH (#)	-	-	-	-	-	-
MYCTOPHID (#)	-	-	-	-	-	-
SMELT (#)	-	-	23	-	-	153
ANCHOVY (#)	-	-	-	-	-	2
EULACHON (#)	-	-	-	-	-	-
SQUID (#)	-	-	-	-	201	-
THREESPINE STICKLEBACK (#)	-	-	-	-	-	-
TURBOT (#)	-	-	1	-	-	-
OCEAN SUNFISH (#)	-	-	1	-	-	-
BLACK ROCKFISH (#)	-	-	-	1	-	1
SABLEFISH (#)	-	-	-	-	-	-
WIDOW ROCKFISH (#)	-	-	-	-	-	-
REX SOLE (#)	-	-	-	-	-	-
PACIFIC SANDDAB (#)	-	-	-	-	-	-
SLIPSKIN SNAILFISH (#)	-	-	-	-	-	-
STARRY FLOUNDER (#)	-	10	-	-	-	-
AMERICAN SHAD (#)	1	5	-	3	-	21
SNAKE PRICKLEBACK (#)	-	-	-	-	-	-
SHINER PERCH (#)	-	-	-	-	-	-
RIVER LAMPREY (#)	-	-	-	-	-	-
PACIFIC SANDFISH (#)	1	2	2	-	-	2
YELLOWTAIL ROCKFISH (#)	-	1	-	-	-	-
BIG SKATE (#)	-	1	-	-	-	-
CANARY ROCKFISH (#)	-	1	-	-	-	-
PLAINFIN MIDSHIPMAN (#)	-	1	-	-	-	-
LINGCOD (#)	-	1	-	-	-	-

Appendix 18 (cont'd)

Set Number	104	"not 105"*	105	106	107	108
Area	Neah Bay	Carmannah	Bonilla Point	Port San Juan	Sombrio Point	Sombrio Point
Date	11/26/98	11/27/98	11/27/98	11/27/98	11/27/98	11/27/98
Depth (m)	30	surf	15	30	60	surf
Latitude	48.42	48.56	48.53	48.50	48.46	48.43
Longitude	-124.61	-124.70	-124.57	-124.45	-124.35	-124.24
Effort (hr)	0.5	0.02	0.5	0.5	0.5	0.45
Net headrope temp (°C)	11.6	-	-	11.5	10	10.6
Sardine catch (kg)	28.88	2722	33.66	185.30	14.69	0.33
Sardine catch per hour (kg/hr)	57.75	136100	67.32	370.59	29.37	0.73

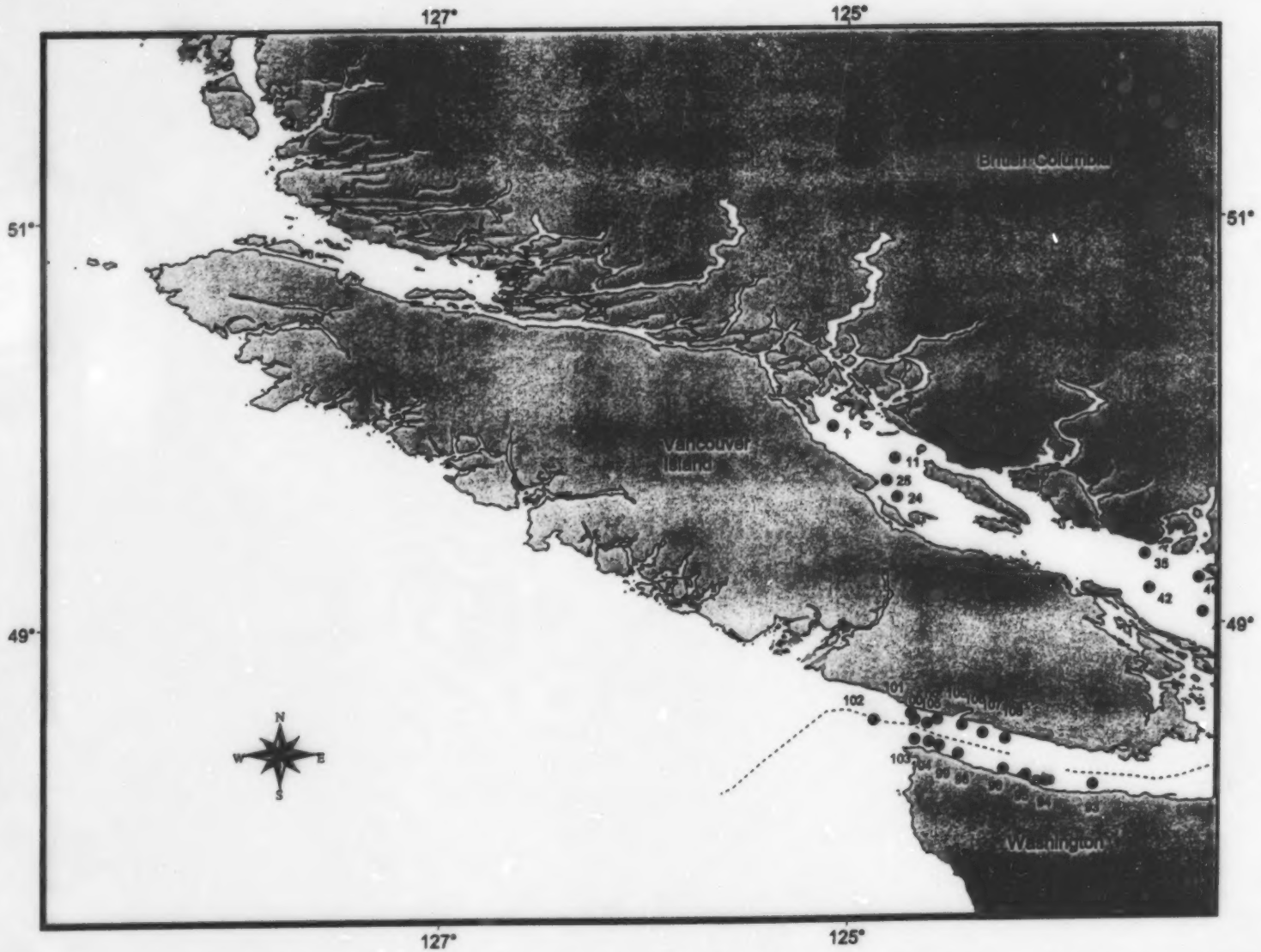
*This set was not counted as the actual "105": it was aborted due to major sardine concentration.

PACIFIC SARDINE (#)	175	-	204	1123	89	2
COHO SALMON (#)	-	-	-	-	-	3
CHINOOK SALMON (#)	7	-	13	7	4	66
CHUM SALMON (#)	-	-	1	2	-	361
PINK SALMON (#)	-	-	-	-	-	214
SOCKEYE SALMON (#)	-	-	-	-	-	-
PACIFIC HERRING (#)	114	-	40	3	161	16
PACIFIC HAKE (#)	13	-	1	1	7	-
JACK MACKEREL (#)	-	-	-	-	-	-
SPINY DOGFISH (#)	-	-	1	1	17	-
PACIFIC SANDLANCE (#)	-	-	-	-	-	-
BROWN IRISH LORD (#)	-	-	-	-	-	-
WALLEYE POLLOCK (#)	-	-	-	-	-	-
CALIFORNIA HEADLIGHTFISH (#)	-	-	-	-	-	-
MYCTOPHID (#)	-	-	-	-	3	-
SMELT (#)	41	-	222	64	585	-
ANCHOVY (#)	80	-	7	2960	87	-
EULACHON (#)	27	-	-	-	-	-
SQUID (#)	20	-	12	1016	16	-
THREESPINE STICKLEBACK (#)	-	-	-	-	-	-
TURBOT (#)	-	-	-	-	-	-
OCEAN SUNFISH (#)	-	-	-	-	-	-

Appendix 18 (cont'd)

Set Number	104	*not 105**	105	106	107	108
Area	Neah Bay	Carmannah	Bonilla Point	Port San Juan	Sombrio Point	Sombrio Point
Date	11/26/98	11/27/98	11/27/98	11/27/98	11/27/98	11/27/98
Depth (m)	30	surf	15	30	60	surf
Latitude	48.42	48.56	48.53	48.50	48.46	48.43
Longitude	-124.61	-124.70	-124.57	-124.45	-124.35	-124.24
Effort (hr)	0.5	0.02	0.5	0.5	0.5	0.45
Net headrope temp (°C)	11.6	-	-	11.5	10	10.6
Sardine catch (kg)	28.88	2722	33.66	185.30	14.69	0.33
Sardine catch per hour (kg/hr)	57.75	136100	67.32	370.59	29.37	0.73
*This set was not counted as the actual "105": it was aborted due to major sardine concentration.						
BLACK ROCKFISH (#)	-	-	-	-	-	-
SABLEFISH (#)	-	-	1	-	-	-
WIDOW ROCKFISH (#)	-	-	-	1	-	-
REX SOLE (#)	-	-	-	8	1	-
PACIFIC SANDDAB (#)	-	-	-	-	15	-
SLIPSKIN SNAILFISH (#)	-	-	-	-	1	-
STARRY FLOUNDER (#)	-	-	-	-	-	-
AMERICAN SHAD (#)	-	-	-	1	-	-
SNAKE PRICKLEBACK (#)	-	-	-	-	-	-
SHINER PERCH (#)	-	-	-	-	-	-
RIVER LAMPREY (#)	-	-	-	-	-	-
PACIFIC SANDFISH (#)	-	10	2	-	-	-
YELLOWTAIL ROCKFISH (#)	-	-	-	1	-	-

From November 17 - 28, 1998, a total of 117 sets were completed; 96 sets in the Strait of Georgia, 21 in the Strait of Juan de Fuca, from 49.98°N, 125.08°W to 48.18°N, 123.57°W, using a rope trawl. For the Strait of Georgia, only the sets in which sardines were captured are discussed here, or shown on the map (Appendix 18a). Sardines were captured in 8 sets in the Strait of Georgia. Within the Strait of Juan de Fuca total of 20 sets were made in surface waters (≤ 45m). Of these surface tows, sardines were captured in 7 sets. Species captured along with sardines included northern anchovy, Pacific herring, whitebait smelt, chinook salmon, and spiny dogfish.



Appendix 18a. Cruise 98-G, November 17 - 28, 1998. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 18b. Length frequency data, Cruise 98-G, November 17-28, 1998.

	1	11	24	25	35	42	46	49	93	94	96	100	101			103	108	TOTAL		
set													M	F	U			M	F	U
length																				
5	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
6	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0
7	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
8	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0
9	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
10	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
11	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0
12	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0
13	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0
14	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	1	-	-	-	6
15	-	-	-	1	-	-	-	-	5	2	-	14	5	-	-	5	-	5	-	27
16	-	-	-	4	-	-	-	-	16	1	6	22	3	3	-	6	-	3	3	55
17	-	-	-	6	-	-	-	2	6	-	1	7	1	3	1	9	-	1	3	32
18	-	-	-	1	-	-	-	-	-	-	2	1	2	1	0	0	-	2	1	4
19	-	-	1	0	-	-	-	-	-	-	-	1	0	0	0	0	-	0	0	2
20	-	-	0	0	-	-	-	-	-	-	-	0	0	0	0	0	-	0	0	0
21	-	-	1	1	-	-	-	-	-	-	-	1	0	0	1	1	-	0	0	5
22	-	1	-	1	-	-	-	-	-	-	-	0	0	0	1	3	-	0	0	6
23	-	0	-	7	-	-	-	-	-	-	-	1	1	2	16	6	2	1	2	32
24	-	1	-	16	-	1	-	1	-	-	-	0	3	3	25	13	-	3	3	57
25	1	1	-	18	1	-	1	-	-	-	-	1	4	2	14	5	-	4	2	42
26	-	-	-	3	-	-	-	-	-	-	-	-	1	3	5	1	-	1	3	9
27	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																		21	17	281

Appendix 19. Cruise data, commercial fishery cruises in which sardine bycatch was sampled.[a]

Cruise #	Vessel Name	Cruise start	Cruise end	Set #
29200	ARCTIC OCEAN	*	*	8
28718	ARCTIC OCEAN	6/21/1998	7/22/1998	3014130
28713	SUN MAIDEN	6/1/1998	8/7/1998	3007279
28712	CALEDONIAN	6/1/1998	8/24/1998	3014186
28693	EASTWARD HO	6/23/1998	8/24/1998	3007114 3007163
28690	VIKING STORM	6/19/1998	8/24/1998	3007154 3007168
28732	GULF SPIRIT	6/23/1998	8/27/1998	3035154 3035167 3035128 3035147
28716	PACIFIC HARVESTER	6/23/1998	8/29/1998	3035170 3035193 3035341 3035350

* Start and end dates not available; however sample from set 8 was taken on April 28, 1998.

[a]From April to August, 1998, sardine samples were collected by observers on board commercial fishing vessels, off the west coast of Vancouver Island. The sardines were netted as bycatch, using commercial fishing gear. Details of set location, gear depth, and associated catch is unavailable; however 923 sardines were sampled to provide a length frequency from this bycatch.

Appendix 19a. Length - frequency, observer data from commercial fishery, 1998.

cruise	28718	28713	28712	28693		28690		28732				28716				29200	
set	3014130	3007279	3014186	3007114	3007163	3007154	3007168	3035154	3035167	3035128	3035147	3035170	3035193	3035341	3035350	8	Total
FL (cm)																	
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
20	-	-	12	-	-	1	-	-	-	-	-	10	6	1	-	-	30
21	3	2	12	4	1	3	-	-	5	-	1	20	4	1	-	-	56
22	9	19	12	17	12	19	2	3	3	-	1	19	15	7	1	-	139
23	15	33	14	36	23	28	8	10	21	6	4	12	29	12	5	-	256
24	9	30	7	20	18	33	7	7	15	5	7	3	7	22	21	-	211
25	5	8	2	7	5	4	11	4	6	1	2	5	4	11	30	-	105
26	2	0	2	3	1	2	3	1	3	1	2	-	1	3	21	-	45
27	-	1	4	1	-	0	3	-	0	-	-	-	-	2	8	-	19
28	-	-	1	-	-	2	-	-	1	-	-	-	-	1	3	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																62	923

Appendix 20. Set data, Cruise 99-A, west coast Vancouver Island, February 12 – March 6, 1999. Data is presented for sets with sardine catch only.[a]

Set Number	77	78	79	80	83	84
Area	Bonillo Point	Carmannah	Swiftsure	Swiftsure	Barkley Sound	Barkley Sound
Date	03/01/99	03/01/99	03/01/99	03/01/99	03/02/99	03/02/99
Depth (m)	surf	30	15	10	surf	15
Latitude	48.56	48.57	48.61	48.60	48.00	48.80
Longitude	-124.77	-124.86	-124.95	-125.08	-125.00	-125.67
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	8.5	8	8.7	8.9	8.3	8.6
Sardine catch (kg)	0.17	0.17	30.86	41.09	0.33	0.17
Sardine catch per hour (kg/hr)	0.33	0.33	61.71	82.17	0.66	0.33
PACIFIC SARDINE (#)	1	1	187	249	2	1
COHO SALMON (#)	2	-	1	13	2	12
CHINOOK SALMON (#)	11	8	14	12	4	13
PACIFIC HERRING (#)	16	2	1	-	6	34
PACIFIC SANDLANCE (#)	-	-	-	-	-	-
WHITEBAIT SMELT (#)	4	70	4	-	-	-
EULACHON (#)	-	5	-	-	-	-
PACIFIC SANDFISH (#)	-	1	-	-	-	-
FLATHEAD SOLE (#)	-	-	2	1	-	-
STICKLEBACK (#)	-	-	-	41	1	-
PACIFIC HAKE (#)	-	-	-	-	-	-
SPINY LUMPSUCKER (#)	-	-	-	-	-	-
SALPS (#)	-	-	-	-	-	-
BLACK ROCKFISH (#)	-	-	-	-	-	-
SPINY DOGFISH (#)	-	-	-	-	-	-
ANCHOVY (#)	-	-	-	-	-	-
RATFISH (#)	-	-	-	-	-	-
LARVAL ROCKFISH (#)	-	-	-	-	-	-
LARVAL FLATFISH (#)	-	-	-	-	-	-
SQUID (#)	-	15	-	-	-	-

Appendix 20 (cont'd)

Set Number	85	86	87	93	95	97
Area	La Perouse	La Perouse	La Perouse	Amphitrite	Amphitrite	La Perouse
Date	03/02/99	03/02/99	03/02/99	03/04/99	03/04/99	03/04/99
Depth (m)	surf	15	surf	15	15	25
Latitude	48.79	48.79	48.78	48.85	48.89	48.96
Longitude	-125.8	-125.90	-126.07	-125.55	-125.73	-126.00
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	8.6	8.6	8.6	8.2	8.2	8.6
Sardine catch (kg)	2.475	0.66	146.685	0.165	0.33	4.455
Sardine catch per hour (kg/hr)	4.95	1.32	293.37	0.33	0.66	8.91
PACIFIC SARDINE (#)	15	4	889	1	2	27
COHO SALMON (#)	14	1	1	-	1	
CHINOOK SALMON (#)	4	4	3	11	3	5
PACIFIC HERRING (#)	7	-	-	61	163	183
PACIFIC SANDLANCE (#)	-	-	-	-	-	-
WHITEBAIT SMELT (#)	-	-	-	52	-	-
EULACHON (#)	-	-	-	-	-	-
PACIFIC SANDFISH (#)	-	-	-	-	-	-
FLATHEAD SOLE (#)	-	-	-	-	-	-
STICKLEBACK (#)	-	-	-	-	-	-
PACIFIC HAKE (#)	-	-	2	-	-	-
SPINY LUMPSUCKER (#)	-	-	-	1	-	-
SALPS (#)	-	-	-	2	-	-
BLACK ROCKFISH (#)	-	-	-	-	-	-
SPINY DOGFISH (#)	-	-	-	-	1	-
ANCHOVY (#)	-	-	-	-	1	-
RATFISH (#)	-	-	-	-	-	-
LARVAL ROCKFISH (#)	-	-	-	-	-	-
LARVAL FLATFISH (#)	-	-	-	-	-	-
SQUID (#)	-	-	-	-	12	-

Appendix 20 (cont'd)

Set Number	102	103	105	120	121
Area	Clayoquot	Clayoquot	Nootka	Swiftsure	Swiftsure
Date	03/04/99	03/04/99	03/05/99	03/06/99	03/06/99
Depth (m)	15	15	15	30	surf
Latitude	49.07	49.07	49.51	48.57	48.57
Longitude	-126.43	-126.51	-126.74	-125.02	-124.96
Effort (hr)	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	8.5	8.5	8.1	7.3	8
Sardine catch (kg)	0.17	0.66	0.165	1.155	0.99
Sardine catch per hour (kg/hr)	0.33	1.32	0.33	2.31	1.98
PACIFIC SARDINE (#)	1	4	1	7	6
COHO SALMON (#)	2	1	1	-	3
CHINOOK SALMON (#)	6	2	7	3	2
PACIFIC HERRING (#)	11	-	37	528	43
PACIFIC SANDLANCE (#)	-	-	1	-	-
WHITEBAIT SMELT (#)	-	-	-	1	-
EULACHON (#)	1	-	-	-	-
PACIFIC SANDFISH (#)	-	-	-	-	-
FLATHEAD SOLE (#)	-	-	-	-	-
STICKLEBACK (#)	-	-	-	1	
PACIFIC HAKE (#)	-	-	-	-	-
SPINY LUMPSUCKER (#)	-	-	-	-	-
SALPS (#)	-	-	-	-	-
BLACK ROCKFISH (#)	-	-	1	-	-
SPINY DOGFISH (#)	-	-	-	-	-
ANCHOVY (#)	-	-	-	-	-
RATFISH (#)	-	-	-	-	-
LARVAL ROCKFISH (#)	-	-	-	-	-
LARVAL FLATFISH (#)	-	-	-	1	-
SQUID (#)	-	-	-	-	-

From February 12 – March 6, 1999, a total of 68 sets were completed off the west coast of Vancouver Island, from 49.47°N, 126.82°W to 48.19°N, 123.62°W, using a rope trawl. A total of 63 sets were made in surface waters (≤ 45m). Of these surface tows, sardines were captured in 19 sets (Appendix 20a). Species captured along with sardines included Pacific herring, coho and chinook salmon, and whitebait smelt.

Appendix 20a. Cruise 99-A, February 12 – March 6, 1999. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 20b. Length frequency data, Cruise 99-A, February 12 - March 6, 1999.

Set#	77	78	79	80	83	84	85	86	87	93	95	97	98	102	103	105	120	121	Total
Length (cm)																			
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
15	-	-	7	10	1	1	1	-	5	1	1	0	-	-	1	-	3	1	32
16	1	-	36	38	1	-	10	2	22	-	0	6	1	-	3	1	3	1	125
17	-	1	29	32	-	-	4	1	40	-	1	9	0	1	-	-	1	4	123
18	-	-	1	16	-	-	-	1	12	-	-	5	1	-	-	-	-	-	36
19	-	-	1	2	-	-	-	-	-	-	-	2	0	-	-	-	-	-	5
20	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	3
21	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	0
22	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2
23	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																			328

Appendix 21. Set data, Cruise 99-B, Queen Charlotte Strait and Hecate Strait, June 1 – 6, 1999. Data is presented for sets with sardine catch only.[a]

Set Number	122
Area	Hecate Strait
Date	06/15/99
Depth (m)	58.52
Latitude	51.43
Longitude	-128.09
Effort (hr)	0.07
Net headrope temp (°C)	-
Sardine catch (kg)	0.1
Sardine catch per hour (kg/hr)	1.43
PACIFIC HERRING (kg)	1
EULACHON (kg)	1
PACIFIC COD (kg)	1
WALLEYE POLLOCK (kg)	2
EELPOUT (kg)	0.1
PACIFIC OCEAN PERCH (kg)	1
REDBANDED ROCKFISH (kg)	2
SPINY DOGFISH (kg)	0.1
SABLEFISH (kg)	0.1
LINGCOD (kg)	4
LONGNOSE SKATE (kg)	3
ARROWTOOTH FLOUNDER (kg)	3
REX SOLE (kg)	1
FLATHEAD SOLE (kg)	4
SLENDER SOLE (kg)	1
DOVER SOLE (kg)	0.1
SPOTTED RATFISH (kg)	0.1

[a]From June 1 – 6, 1999, a total of 133 sets were completed in Queen Charlotte Strait and Hecate Strait, from 51.79°N, 129.21°W to 50.89°N, 128.16°W, using a bottom trawl. A total of 18 sets were made in surface waters (≤ 45m). One set contained sardines (set 122, 58m) (Appendix 21a). Species also captured in set 122 included lingcod, longnose skate, arrowtooth flounder, and flathead sole.

Appendix 21a. Cruise 99-B, June 1 - 16, 1999. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 22. Set data, Cruise 99-C, west coast of Vancouver Island, July 1 – 13, 1999. Data is presented for sets with sardine catch only.[a]

Set Number	115	116	121	125	130
Area	Gray's Harbour	Gray's Harbour	Gray's Harbour	Swiftsure	Swiftsure
Date	07/10/99	07/10/99	07/10/99	07/11/99	07/11/99
Depth (m)	surf	surf	-	surf	surf
Latitude	46.97	46.98	47.05	48.57	48.48
Longitude	-124.57	-124.65	-125.02	-125.06	-125.47
Effort (hr)	0.03	0.5	0.5	0.5	0.5
Net headrope temp (°C)	-	13.8	-	10.1	10.6
Sardine catch (kg)	0.32	5600	0.165	21450	3403
Sardine catch per hour (kg/hr)	9.6	11200	0.33	42900	6806
PACIFIC SARDINE (#)	2	31753	1	130000	20625
JACK MACKEREL (#)	2	270	-	111	13
PACIFIC MACKEREL (#)	-	157	-	21	20
CHINOOK SALMON (#)	-	1	-	48	3
COHO SALMON (#)	1	1	-	-	5
CHUM SALMON (#)	-	-	-	6	-
PINK SALMON (#)	-	-	-	3	1
PACIFIC HERRING (#)	1	-	-	-	-
BLACK ROCKFISH (#)	-	1	-	-	-
SOUPFIN SHARK (#)	-	1	-	-	-
SPINY DOGFISH (#)	-	-	-	96	25
DARKBLOTCHED ROCKFISH (#)	-	-	1	-	-
WOLFEEL (#)	-	-	-	-	-

Appendix 22 (cont'd)

Set Number	142	146	151
Area	La Perouse	Amphitrite	Cape Beale
Date	07/12/99	07/13/99	07/13/99
Depth (m)	surf	surf	15
Latitude	48.39	-	48.71
Longitude	-125.56	-	-125.17
Effort (hr)	0.5	0.5	0.4
Net headrope temp (°C)	11.1	9.6	10.1
Sardine catch (kg)	660	2451	5000
Sardine catch per hour (kg/hr)	1320	4902	12500
PACIFIC SARDINE (#)	4000	15000	28000
JACK MACKEREL (#)	84	-	5
PACIFIC MACKEREL (#)	70	-	-
CHINOOK SALMON (#)	-	-	20
COHO SALMON (#)	-	-	5
CHUM SALMON (#)	-	-	3
PINK SALMON (#)	-	-	-
PACIFIC HERRING (#)	-	-	1
BLACK ROCKFISH (#)	-	-	-
SOUPFIN SHARK (#)	-	-	-
SPINY DOGFISH (#)	1	-	-
DARKBLOTCHED ROCKFISH (#)	-	-	-
WOLFEEL (#)	-	-	1

[a]From July 1 – 13, 1999, a total of 41 sets were completed off the west coast of Vancouver Island, from 48.96°N, 126.04°W to 47.00°N, 124.40°W, using a midwater trawl. A total of 38 sets were made in surface waters (≤ 45m). Of the surface tows, sardines were captured in 8 sets (Appendix 22a). Species captured along with sardines included jack mackerel, Pacific mackerel, and spiny dogfish.

Appendix 22a. Cruise 99-C, July 1 - 13, 1999. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 22b. Length frequency data, Cruise 99-C, July 1 - 13, 1999.

	116			125			130			142			146			TOTAL		
Set#	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	MALE	FEMALE	UNK
Length (cm)																		
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	3	-	-	-	-	-	-	-	-	-	1	-	-	1		3
20	1	-	4	-	-	-	-	-	-	-	-	-	0	-	-	1		4
21	5	3	26	-	1	1	-	-	-	-	-	-	0	-	1	5	4	28
22	10	16	111	1	0	5	1	1	1	-	-	2	1	-	5	13	17	124
23	12	12	58	6	7	25	7	7	12	-	-	25	14	6	25	39	32	145
24	13	9	41	13	13	50	3	16	47	-	-	49	10	12	51	39	50	238
25	2	4	4	6	14	29	3	8	31	-	-	18	6	12	18	17	38	100
26	0	1	3	2	7	10	-	3	7	-	-	3	1	5	1	3	16	24
27	1	0	-	-	-	-	-	-	0	-	-	1	-	2	-	1	2	1
28	-	0	-	-	-	-	-	-	1	-	-	1	-	-	-		0	2
29	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-		1	1
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																119	160	670

Appendix 22c. Maturity - frequency data, Cruise 99-C, July 1 - 13, 1999.

Set	116	125	130	148	Total
Maturity					
Mature	44	42	43	47	176
Immature	-	-	-	1	1
Ripe	4	8	7	2	21
Total					198

Appendix 22d. Stomach contents data, Cruise 99-C, July 1 - 16, 1999.

Set	# of stomachs	Total Volume (cc)	Digested Material (cc)	Oikopleura (cc)	Euphausiid Eggs (cc)	Euphausiids (cc)	Unknown Eggs (cc)	Phyto-plankton (cc)	Filamentous Algae (cc)	Cyclopoid (cc)
105	50	12.1	2.14	5.11	0.45	0.0501	0.5208	0.7412	0.01	0.0003

Set	# of stomachs	Total Volume (cc)	Crab Zoea (cc)	Calanoids (cc)	Amphipods (cc)	Barnacle Cypris (cc)	Barnacle Naupili (cc)	Cladocera (cc)
105	50	12.1	0.12	2.8702	0.06	0.01	0.01	0.03

Appendix 23. Set data, Cruise 99-D, west coast Vancouver Island, August 4 – 8, 1999. Data is presented for sets with sardine catch only.[a]

Set Number	1	8	14	15	19
Area	Nootka	Quatsino	Quatsino	Quatsino	Kyuquot
Date	08/04/99	08/05/99	08/05/99	08/05/99	08/06/99
Depth (m)	surf	surf	surf	surf	surf
Latitude	49.53	50.43	50.41	50.42	49.87
Longitude	-126.68	-128.13	-128.63	-128.73	-127.24
Effort (hr)	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	12.8	12.7	14.4	12.7	-
Sardine catch (kg)	561	1630	500	22.27	363
Sardine catch per hour (kg/hr)	1122	3260	1000	44.54	726
PACIFIC SARDINE (#)	3421	9879	3049	135 caught from prev. set	2200
COHO SALMON (#)	9	17	-	-	-
CHINOOK SALMON (#)	25	-	-	-	-
CHUM SALMON (#)	2	255	15	-	-
PINK SALMON (#)	-	-	-	-	-
SOCKEYE SALMON (#)	5	-	-	-	-
BLUE SHARK (#)	-	-	4	-	-
PACIFIC HERRING (kg)	-	-	-	-	-
SPINY DOGFISH (kg)	1426	-	-	-	-
SABLEFISH (kg)	-	-	1	-	-
JACK MACKEREL (kg)	-	-	211.3	-	3.3
WALLEYE POLLOCK (kg)	-	-	-	-	-
LINGCOD (kg)	-	-	-	-	-

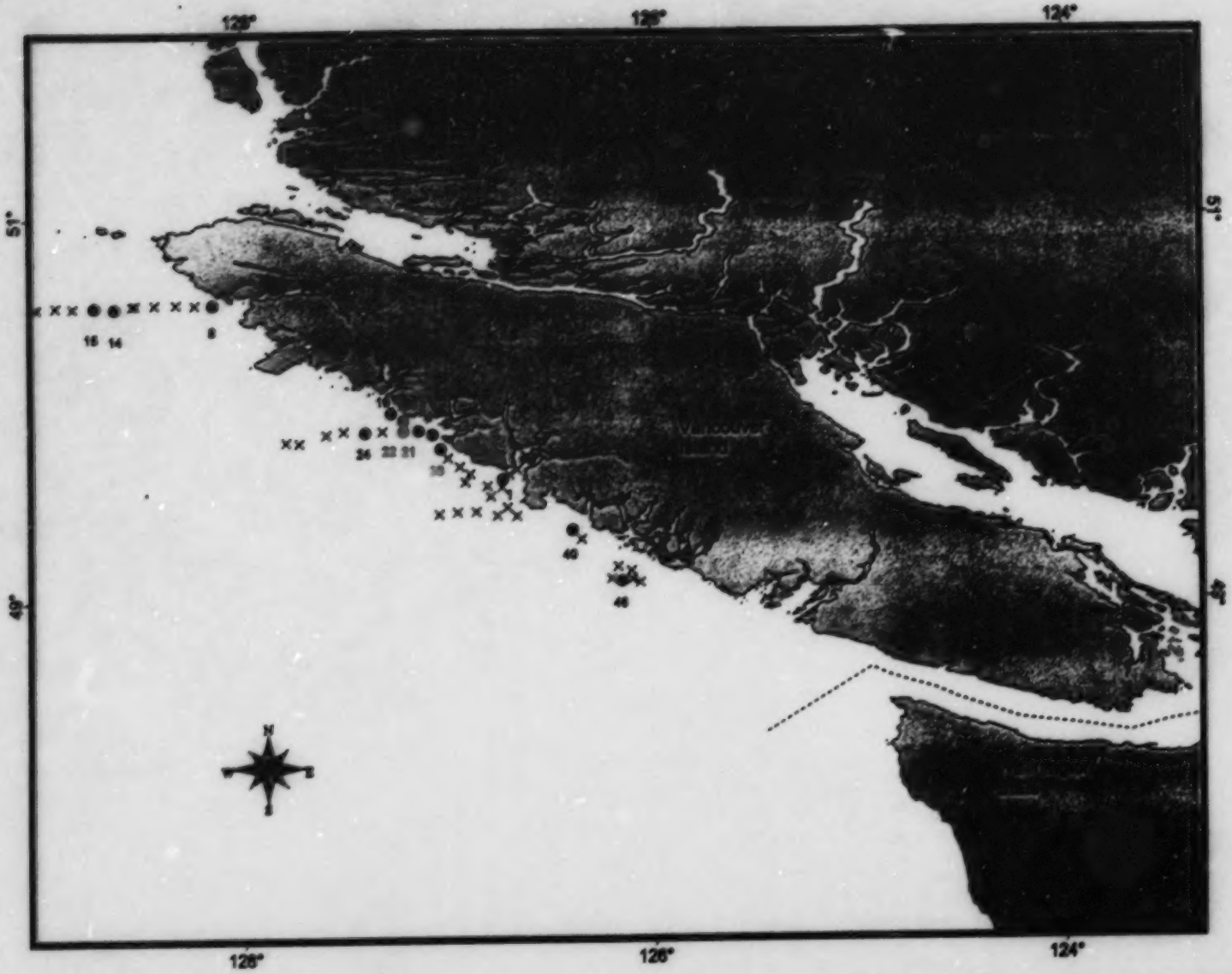
Appendix 23 (cont'd)

Set Number	20	21	22	24	29
Area	Kyuquot	Kyuquot	Esperanza	Esperanza	Esperanza
Date	08/06/99	08/06/99	08/06/99	08/06/99	08/07/99
Depth (m)	15	surf	15	30	surf
Latitude	49.83	49.78	49.78	49.77	49.76
Longitude	-127.17	-127.10	-127.17	-127.37	-127.03
Effort (hr)	0.5	0.5	0.5	0.5	0.5
Net headrope temp (°C)	-	11.6	10.1	10.1	13
Sardine catch (kg)	10	12	0.825	0.165	461
Sardine catch per hour (kg/hr)	20	24	1.65	0.33	922
PACIFIC SARDINE (#)	51 caught from prev. set	67	5	1	2811
COHO SALMON (#)	-	6	-	-	4
CHINOOK SALMON (#)	-	-	-	-	-
CHUM SALMON (#)	-	-	-	-	3
PINK SALMON (#)	-	-	-	-	1
SOCKEYE SALMON (#)	-	-	-	-	1
BLUE SHARK (#)	-	-	-	-	-
PACIFIC HERRING (kg)	-	trace	-	-	-
SPINY DOGFISH (kg)	-	-	-	-	1.4
SABLEFISH (kg)	-	-	-	-	-
JACK MACKEREL (kg)	-	-	-	-	6.1
WALLEYE POLLOCK (kg)	-	trace	-	-	-
LINGCOD (kg)	-	-	-	-	-

Appendix 23 (cont'd)

Set Number	30	40	46
Area	Esperanza	Clayoquot	Amphitrite
Date	08/07/99	08/08/99	08/08/99
Depth (m)	15	surf	surf
Latitude	49.68	49.26	49.00
Longitude	-126.99	-126.33	-126.08
Effort (hr)	0.5	0.5	0.5
Net headrope temp (°C)	10.7	12.2	10.6
Sardine catch (kg)	3.14	212.7	108
Sardine catch per hour (kg/hr)	6.28	425.4	216
PACIFIC SARDINE (#)	19 caught from prev. set	1289	659
COHO SALMON (#)	-	11	42
CHINOOK SALMON (#)	-	4	-
CHUM SALMON (#)	-	4	10
PINK SALMON (#)	-	1	-
SOCKEYE SALMON (#)	-	11	-
BLUE SHARK (#)	-	-	-
PACIFIC HERRING (kg)	-	trace	-
SPINY DOGFISH (kg)	-	5.3	trace
SABLEFISH (kg)	-	-	-
JACK MACKEREL (kg)	-	-	trace
WALLEYE POLLOCK (kg)	-	-	-
LINGCOD (kg)	-	3.7	-

[a]From August 4 – 8, 1999, a total of 47 sets were completed off the west coast of Vancouver Island, from 50.41°N, 129.02°W to 49.00°N, 126.00°W, using a midwater trawl. A total of 43 sets were made in surface waters (≤ 45m). Of the surface tows, sardines were captured in 13 sets (Appendix 23a). Species captured along with sardines included coho and chum salmon, jack mackerel and spiny dogfish.



Appendix 23a. Cruise 99-D, August 4 - 8, 1999. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 23b. Length frequency data, Cruise 99-D, August 4 - 8, 1999.

	1		8		14		19		21		29		40		46		TOTAL	
Set#	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	MALE	FEMALE
Length (cm)																		
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	2	2
16	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	0	0
17	-	-	-	-	-	-	-	-	0	0	-	-	2	-	-	-	2	0
18	-	-	-	-	-	-	1	-	1	0	-	1	17	8	1	-	20	9
19	-	-	1	-	-	-	0	1	10	9	-	3	50	46	1	3	62	62
20	-	-	0	-	-	-	1	1	3	6	1	1	11	25	1	1	17	34
21	-	-	0	-	-	-	0	0	0	0	1	0	0	1	0	0	1	1
22	1	-	0	-	-	-	2	2	0	0	1	0	0	0	5	0	9	2
23	21	20	3	5	3	-	7	14	4	2	13	11	2	0	18	18	71	70
24	19	41	16	29	22	17	24	39	8	3	16	17	1	4	37	39	143	189
25	15	35	33	45	43	50	21	23	2	10	15	23	2	2	13	24	144	212
26	5	10	2	12	13	23	2	10	1	2	3	11	2	0	3	5	31	73
27	1	1	-	3	1	2	-	1	1	1	1	2	2	1	1	-	7	11
28	-	1	-	1	-	3	-	1	-	-	-	-	-	-	-	-	-	6
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																	509	671

Appendix 23c. Maturity - frequency data, Cruise 99-D, August 4 - 8, 1999.

Set	1	8	14	19	40	46	Total
Maturity							
Mature	50	49	50	50	50	50	299
Immature	-	-	-	-	-	-	0
Ripe	-	1	-	-	-	-	1
Total							300

Appendix 24. Set data, Cruise 99-E, La Perouse, August 11 – 14, Data is presented for sets with sardine catch only.[a]

Set Number	1	2	13	16
Area	40 mile bank	40 mile bank	SA3, sw corner	SA2
Date	08/11/99	08/11/99	08/13/99	08/14/99
Depth (m)	60	87	surf	surf
Latitude	48.59	48.54	48.75	48.94
Longitude	-125.63	-125.62	-125.89	-125.62
Effort (hr)	0.5	0.5	0.6	0.88
net headrope temp (°C)	-	-	10	12.6
sardine catch (kg)	0.17	109.1	133.8	351
Sardine catch (kg/hr)	0.33	218.2	223	397.36
PACIFIC SARDINE (kg)	1	661	811	2127
COHO SALMON (kg)	-	-	15	0.38
CHINOOK SALMON (kg)	49.1	29.5	11.7	8.95
CHUM SALMON (kg)	-	-	-	trace
PINK SALMON (kg)	-	-	1.24	-
SOCKEYE SALMON (kg)	-	-	2	-
PACIFIC HERRING (kg)	254.5	635.5	-	-
PACIFIC HAKE (kg)	1.2	4.4	-	-
SMELT (kg)	trace	-	-	-
JACK MACKEREL (kg)	23.74	-	24.1	-
SPINY DOGFISH (kg)	-	3.9	1370.9	-
YELLOWTAIL ROCKFISH (kg)	-	0.9	-	-

[A]From August 11 – 14, 1999, a total of 18 sets were completed in the La Perouse area, from 48.94°N, 126.62°W to 48.47°N, 125.45°W, using a midwater trawl. Two sets were made in surface waters (≤ 45m). Sardines were captured in both surface sets, as well as two deeper sets (set 1, 60m; set 2, 87m) (Appendix 24a). Species captured along with sardines in the shallow sets included coho and chinook salmon, jack mackerel and spiny dogfish. Species captured along with sardines in the deeper sets included chinook salmon, Pacific herring, and jack mackerel.

Appendix 24a. Cruise 99-E, August 11 - 14, 1999. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 24b. Length frequency data, Cruise 99-E, August 11 - 14, 1999.

	2		13		16		TOTAL	
Set#	M	F	M	F	M	F	MALE	FEMALE
Length (cm)								
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	1	-	-	-	1
20	-	-	-	0	-	-	-	0
21	-	-	-	0	-	-	-	0
22	1	-	2	2	6	6	9	8
23	16	12	19	13	30	20	65	45
24	13	16	12	16	27	23	52	55
25	11	18	12	13	9	20	32	51
26	1	6	-	7	2	4	3	17
27	0	3	-	2	1	0	1	5
28	1	0	-	1	-	1	1	2
29	-	1	-	-	-	1	0	2
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
Total							163	186

Appendix 24c. Maturity - frequency data, Cruise 99-E, August 11 - 14, 1999.

	16	
Set	M	F
Maturity		
2	5	3
3	17	7
4	2	0
12	5	11
Total	29	21

Appendix 25. Set data, Cruise 99-F, west coast of Vancouver Island, August 17 – 30, 1999. Data is presented for sets with sardine catch only.[a]

Set Number	1	4	5	8	11
Area	La Perouse	La Perouse	La Perouse	La Perouse	Amphitrite
Date	08/17/99	08/17/99	08/17/99	08/17/99	08/19/99
Depth (m)	0	0	0	0	0
Latitude	48.92	48.92	48.92	48.93	48.69
Longitude	-125.61	-125.81	-125.99	-126.44	-126.21
Effort (hr)	0.38	0.5	0.52	0.37	0.66
net headrope temp (°C)	-	-	-	-	-
sardine catch (kg)	1.5	0.15	58.9	491.4	0.4
Sardine catch (kg/hr)	3.95	0.3	113.27	1328.11	0.61
PACIFIC SARDINE (kg)	1.5	0.15	58.9	491.4	0.4
COHO SALMON (kg)	-	trace	-	-	-
CHINOOK SALMON (kg)	-	trace	trace	-	-
CHUM SALMON (kg)	-	-	-	-	-
PINK SALMON (kg)	-	-	-	-	-
SOCKEYE SALMON (kg)	-	-	trace	-	-
UNID'D SALMON (kg)	5.8	0.57	2.06	-	trace
PACIFIC HAKE (kg)	-	-	-	-	-
DUSKY ROCKFISH (kg)	-	trace	-	-	-
JACK MACKEREL (kg)	-	-	18.62	19.9	22.3
PACIFIC MACKEREL (kg)	-	-	-	35	1.75
YELLOWTAIL ROCKFISH (kg)	-	-	-	-	-

Appendix 25 (cont'd)

Set Number	12	13	14	15	16
Area	Amphitrite	Amphitrite	Amphitrite	Amphitrite	Amphitrite
Date	08/19/99	08/19/99	08/19/99	08/19/99	08/19/99
Depth (m)	0	0	30	0	0
Latitude	48.70	48.70	48.72	48.72	48.73
Longitude	-126.13	-126.05	-125.96	-125.96	-125.83
Effort (hr)	0.62	0.63	0.66	0.38	0.4
net headrope temp (oC)		-	-	-	-
sardine catch (kg)	0.9	0.4	0.165	0.2	3113.1
Sardine catch (kg/hr)	1.45	0.63	0.25	0.53	7782.75
PACIFIC SARDINE (kg)	0.9	0.4	0.165	0.2	3113.1
COHO SALMON (kg)	-	22.15	-	1.98	8.52
CHINOOK SALMON (kg)	1.63	20.3	-	6.7	-
CHUM SALMON (kg)	-	-	-	-	-
PINK SALMON (kg)	-	2.3	-	-	-
SOCKEYE SALMON (kg)	-	-	3.8	-	-
UNID'D SALMON (kg)	-	8.95	-	-	trace
PACIFIC HAKE (kg)	-	-	-	-	-
DUSKY ROCKFISH (kg)	-	-	-	-	-
JACK MACKEREL (kg)	13.4	97.5	-	12.5	33.4
PACIFIC MACKEREL (kg)	-	-	-	2.8	1.15
YELLOWTAIL ROCKFISH (kg)	3.8	-	-	-	-

Appendix 25 (cont'd)

Set Number	17	23	26	27	28	29
Area	Amphitrite	Swiftsure	Swiftsure	Swiftsure	Swiftsure	Swiftsure
Date	08/19/99	08/20/99	08/20/99	08/20/99	08/20/99	08/20/99
Depth (m)	15	0	0	15	0	0
Latitude	48.75	48.53	48.47	48.44	48.44	48.42
Longitude	-125.69	-125.08	-125.36	-125.44	-125.47	-125.59
Effort (hr)	0.48	0.38	0.7	0.66	0.35	0.66
net headrope temp (oC)	-	-	-	-	-	-
sardine catch (kg)	2.6	1.25	228.5	10.9	2435	3
Sardine catch (kg/hr)	5.42	3.29	326.43	16.52	6957.14	4.55
PACIFIC SARDINE (kg)	2.6	1.25	228.5	10.9	2435	3
COHO SALMON (kg)	-	-	-	-	trace	trace
CHINOOK SALMON (kg)	-	-	-	-	trace	-
CHUM SALMON (kg)	-	-	-	-	-	-
PINK SALMON (kg)	-	-	-	-	-	-
SOCKEYE SALMON (kg)	-	-	-	-	-	-
UNID'D SALMON (kg)	trace	trace	7.2	-	-	-
PACIFIC HAKE (kg)	-	-	0.3	-	-	trace
DUSKY ROCKFISH (kg)	-	-	-	-	-	-
JACK MACKEREL (kg)	-	23.7	508.7	70.1	15.9	-
PACIFIC MACKEREL (kg)	-	4.53	20.3	2.7	7.7	trace
YELLOWTAIL ROCKFISH (kg)	-	-	-	-	-	-

[a]From August 17 – 30, 1999, a total of 37 sets were completed off the west coast of Vancouver Island, from 48.92°N, 126.62°W to 47.76°N, 127.10°W, using a midwater trawl. A total of 32 sets were made in surface waters (≤ 45m). Of the surface tows, sardines were captured in 16 sets (Appendix 25a). Species captured with sardines included coho salmon, jack mackerel and Pacific mackerel.

Appendix 25a. Cruise 99-F, August 17 - 30, 1999. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 25b. Length frequency data, Cruise 99-F, August 17 - 30, 1999.

	5		8		16		26		27		28		29		11		Total		
Set#	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	MALE	FEMALE	UNK
Length (cm)																			
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7	27
19	11	17	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11	18	113
20	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	0	8	3	42
21	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	0	2	1	4
22	-	-	4	4	4	1	3	2	2	2	3	2	2	1	-	0	18	12	45
23	-	-	5	4	5	8	9	8	13	12	15	12	2	2	1	2	50	48	167
24	-	-	6	10	13	7	13	9	12	7	7	4	3	6	2	2	56	45	197
25	-	-	7	7	5	4	2	4	3	6	3	2	1	3	2	4	23	30	92
26	-	-	1	1	-	2	-	-	0	3	-	1	-	-	2	1	3	8	20
27	-	-	0	-	-	-	-	-	1	-	-	1	-	-	-	1	1	2	1
28	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																	176	174	711

Appendix 25c. Maturity - frequency data, Cruise 99-F, August 17 - 30, 1999.

Set	5	8	11	12	13	16	23	27	29	Total
Maturity										
Mature	51	50	3	5	3	50	7	69	20	258

Appendix 26. Set data, Cruise 00-A, La Perouse, July 25 – 30, 2000. Data is presented for sets with sardine catch only.[a]

Set Number	11	15
Area	La Perouse	La Perouse
Date	07/27/96	07/28/96
Depth (m)	52	-
Latitude	48.54	48.65
Longitude	-124.32	-125.87
Effort (hr)	-	-
Net headrope temp (oC)	-	-
Sardine catch (kg)	2	316
Sardine catch per hour (kg/hr)	-	-
COHO SALMON (kg)	15	1
CHINOOK SALMON (kg)	5	1
PACIFIC HERRING (kg)	1652	-
JACK MACKEREL (kg)	15	35
SPINY DOGFISH (kg)	1	1
AMERICAN SHAD (kg)	1	-

[a]From July 25 – 30, a total of 22 sets were completed in the La Perouse area off Vancouver Island, from 48.98°N, 126.74°W to 48.53°N, 125.05°W, using a midwater rope trawl. A total of 9 sets were made in surface waters (≤ 45m), 2 of which contained sardines (Appendix 26a). Species captured along with sardines included Pacific herring, coho and chinook salmon, and spiny dogfish.

Appendix 26a. Cruise 00-A, July 25 - 30, 2000. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 27. Set data, Cruise 00-B, west coast of Vancouver Island, August 1 – 7, 2000. Data is presented for sets with sardine catch only.[a]

Set Number	8	9	11	13	23	24
Area	La Perouse	La Perouse	La Perouse	Cape Beale	Estevan	Estevan
Date	08/01/00	08/01/00	08/01/00	08/02/00	08/03/00	08/03/00
Depth (m)	0	0	0	0	0	0
Latitude	48.40	48.38	48.35	48.79	49.37	49.36
Longitude	-125.62	-125.70	-125.81	-125.43	-126.66	-126.74
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.5
Net headrope temp (oC)	-	-	-	-	-	-
Sardine catch (kg)	24.6	1.4	0.4	0.6	0.4	0.2
Sardine catch per hour (kg/hr)	49.2	2.8	0.8	1.2	0.8	0.4
PACIFIC SARDINE (#)	123	7	2	3	2	1
COHO SALMON (#)	18	20	1	74	35	28
CHINOOK SALMON (#)	-	-	-	-	-	-
CHUM SALMON (#)	-	6	-	2		-
PINK SALMON (#)	-	27	-	1	4	16
SOCKEYE SALMON (#)	5		-	9	4	2
JACK MACKEREL (#)	-	-	-	-	-	-
PACIFIC HAKE (#)	-	-	-	-	-	-
SPINY DOGFISH (#)	1	-	1	-	-	3
PACIFIC HERRING (#)	1	-	-	-	-	-
WOLF EEL (juvenile) (#)	-	-	-	-	-	-

Appendix 27 (cont'd)

Set Number	33	34	35	36	54	55
Area	Nootka	Nootka	Nootka	Nootka (Bajo)	Esperanza	Esperanza
Date	08/04/00	08/04/00	08/04/00	08/04/00	08/06/00	08/06/00
Depth (m)	0	0	0	0	0	0
Latitude	49.58	49.37	49.51	49.55	49.77	49.77
Longitude	-126.60	-126.78	-126.75	-126.83	-127.23	-127.32
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.5
Net headrope temp (oC)	-	-	-	-	-	-
Sardine catch (kg)	1.4	0.2	6.8	0.4	1.8	0.2
Sardine catch per hour (kg/hr)	2.8	0.4	13.6	0.8	3.6	0.4
PACIFIC SARDINE (#)	7	1	34	2	9	1
COHO SALMON (#)	14	24	21	14	20	16
CHINOOK SALMON (#)	49	3	2	1	-	-
CHUM SALMON (#)	-	-	-	-	-	-
PINK SALMON (#)	-	-	-	-	44	27
SOCKEYE SALMON (#)	-	-	-	-	3	1
JACK MACKEREL (#)	-	-	-	-	-	-
PACIFIC HAKE (#)	-	-	-	-	-	-
SPINY DOGFISH (#)	1	-	-	-	-	-
PACIFIC HERRING (#)	1	-	-	-	-	-
WOLF EEL (juvenile) (#)	1	1	-	-	-	-

Appendix 27 (cont'd)

Set Number	58	59	63	64	65	68
Area	Esperanza	Esperanza	Esperanza	Amphitrite	Amphitrite	Amphitrite
Date	08/06/00	08/06/00	08/06/00	08/07/00	08/07/00	08/07/00
Depth (m)	0	15	0	0	0	0
Latitude	49.75	49.74	49.73	48.92	48.93	48.92
Longitude	-127.58	-127.67	-127.94	-125.61	-125.69	-125.94
Effort (hr)	0.5	0.5	0.5	0.5	0.5	0.3
Net headrope temp (oC)	-	-	-	-	-	-
Sardine catch (kg)	1037.2		0.2	371.6		9168
Sardine catch per hour (kg/hr)	2074.4	0	0.4	743.2	0	30560
PACIFIC SARDINE (#)	5186	27 (last tow)	1	1753	42 (last tow)	45840
COHO SALMON (#)	1	-	-	1	9	2
CHINOOK SALMON (#)		-	-	31	9	2
CHUM SALMON (#)	-	-	-	-	-	-
PINK SALMON (#)	-	-	-	-	-	-
SOCKEYE SALMON (#)	-	-	-	3	11	-

[(a)]From August 1 – 7, 2000, a total of 71 sets were completed off the west coast of Vancouver Island, from 50.42°N, 128.54°W to 48.34°N, 125.81°W, using a midwater rope trawl. A total of 54 sets were made in surface waters (≤ 45m), 18 of which contained sardines (Appendix 27a). Species captured along with sardines included coho, chinook and sockeye salmon, and spiny dogfish.

Appendix 27a. Cruise 00-B, August 1 - 7, 2000. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 27b. Length frequency data, Cruise 00-B, August 1-7, 2000.

	8		9		11	13		24		33		34		35		54		58	63	64		68			Total		
Set#	M	F	M	F	F	M	F	M	F	M	F	M	F	M	F	M	F	U	U	M	F	U	M	F	U	MALE	FEMALE	UNK
Length (cm)																												
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	-	-	-	-	-	-	-	-	0	1	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	1	-	-	1	2	1	2	2	1
23	1	1	-	-	-	-	-	-	-	-	-	-	3	2	-	0	1	-	-	6	5	7	13	4	32	22	14	39
24	18	7	-	2	-	1	-	-	-	1	-	1	2	7	-	2	1	22	-	9	10	54	19	32	75	58	54	151
25	21	31	2	1	2	0	-	-	-	1	1	-	6	10	-	1	0	73	-	5	11	67	10	14	54	50	66	194
26	8	17	0	1	-	1	1	-	1	1	1	-	1	3	-	-	1	57	1	-	3	25	2	3	19	15	29	102
27	2	6	1	-	-	-	-	-	-	1	1	-	-	-	-	-	1	11	-	-	-	5	-	1	3	4	9	19
28	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	8	2
29	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																										152	184	508

Appendix 27c. Maturity - frequency data, Cruise 00-B. August 1 - 7, 2000.

Set#	8	54	35	64	68	Total
Maturity						
2	-	2	-	-	-	2
3	2	-	2	-	-	4
12	48	7	33	50	100	238
Total						244

Appendix 28. Set data, Cruise 00-C, west coast Vancouver Island, September 9 – 28, 2000. Data is presented for sets with sardine catch only.[a]

Set Number	165	169	170	179	180	181
Area	Amphitrite	Amphitrite	Amphitrite	Amphitrite	Amphitrite	Amphitrite
Date	09/27/00	09/27/00	09/27/00	09/28/00	09/28/00	09/28/00
Depth (m)	15	0	30	0	15	30
Latitude	48.62	48.61	48.60	48.94	48.93	48.93
Longitude	-125.74	-126.10	-126.20	-126.26	-126.34	-126.42
Effort (hr)	0.5	0.42	0.5	0.5	0.5	0.5
Net headrope temp (oC)	-	-	-	-	-	-
Sardine catch (kg)	0.165	48.32	3.135	842.16	11.72	0.5
Sardine catch per hour (kg/hr)	0.33	116.03	6.27	1684.32	23.43	1.0
PACIFIC SARDINE (#)	1	294	19	5104	71	3
COHO SALMON (#)	74	2	-	42	-	-
CHINOOK SALMON (#)	1	-	-	1	-	-
PINK SALMON (#)	-	1	-	-	-	-
SPINY DOGFISH (#)	-	-	-	2	-	-
SABLEFISH (#)	-	5	-	2	-	-
AMERICAN SHAD (#)	-	1	-	-	-	-
PACIFIC HERRING (#)	1	-	-	-	-	-
PACIFIC MACKEREL (#)	-	2	1	-	-	-
JUVENILE ROCKFISH (#)	-	-	1	-	-	-
JUVENILE GUNNEL (#)	-	-	-	-	-	1
WOLF EEL (#)	-	-	1	-	-	-

[a]From September 9 – 28, 2000, a total of 106 sets were completed off the west coast of Vancouver Island, from 51.43°N, 128.15°W to 48.32°N, 123.74°W, using a midwater rope trawl. A total of 90 sets were made in surface waters (≤ 45m), 6 of which contained sardines (Appendix 28a). Species captured along with sardines included coho and chinook salmon, Pacific mackerel, sablefish, and Spiny dogfish.

Appendix 28a. Cruise 00-C, September 9 - 28, 2000. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

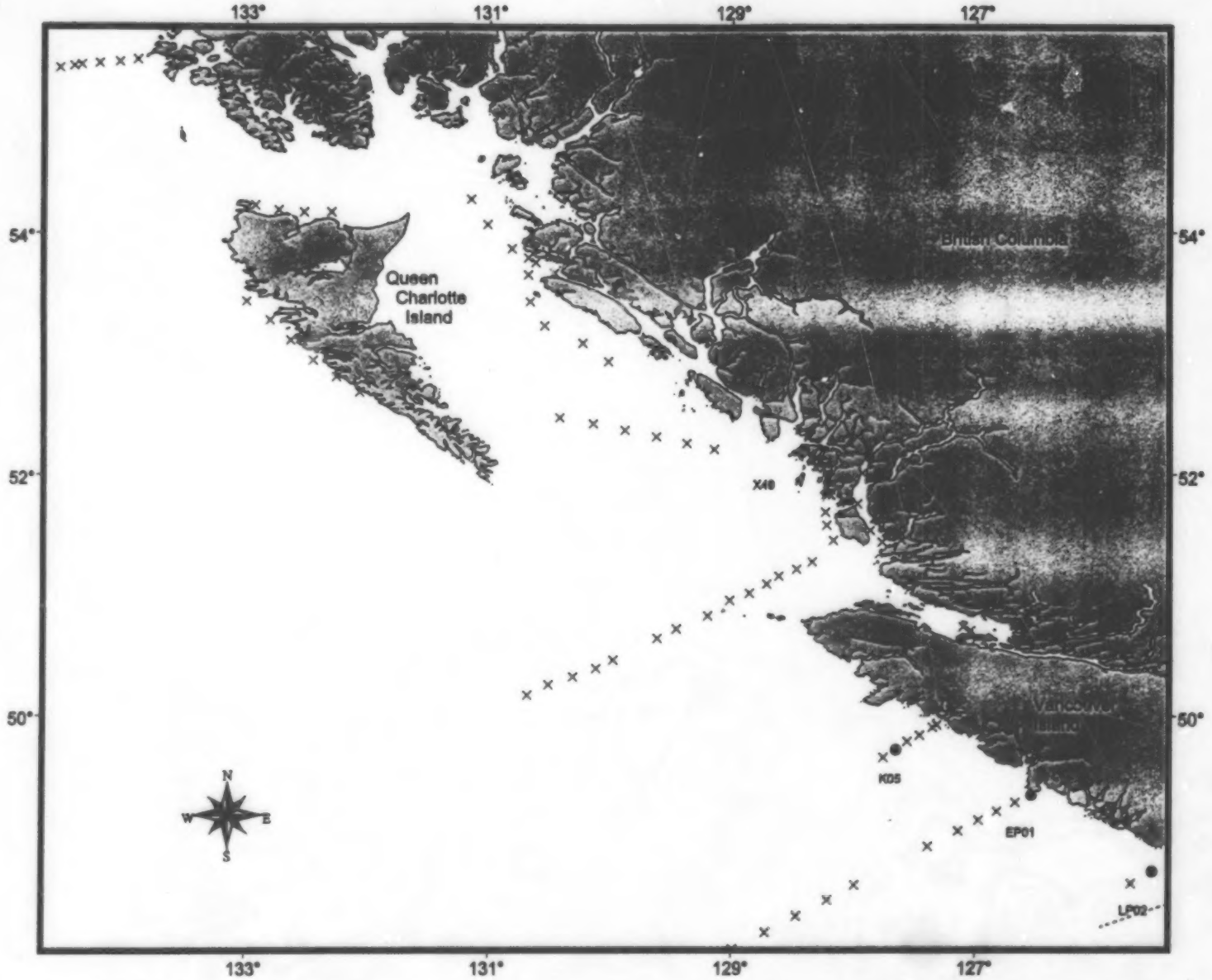
Appendix 28b. Length frequency data, Cruise 00-C, September 9 - 28, 2000.

	165			169			170			179			Total		
Set#	M	F	U	M	F	U	M	F	U	M	F	U	MALE	FEMALE	UNK
Length (cm)															
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
22	-	-	-	-	-	3	-	-	1	0	-	1	0	-	5
23	-	-	-	-	1	18	-	-	5	5	1	16	5	2	39
24	-	-	1	9	3	30	-	-	7	5	6	31	14	9	69
25	-	-	-	2	4	29	-	-	4	6	7	50	8	11	83
26	-	-	-	1	6	16	-	-	1	5	2	20	6	8	37
27	-	-	-	1	2	3	-	-	1	1	1	1	2	3	5
28	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total													36	34	240

Appendix 29. Set data, Cruise 00-D, west coast of Vancouver Island, October 5 – 25, 2000. Data is presented for sets with sardine catch only.[a]

Set Number	LP02	EP01	K05	X49
Area	La Perouse	Estevan	Kyuquot	Hugh Fitz Strait
Date	10/04/00	10/05/00	10/07/00	10/29/00
Depth (m)	0	0	0	0-25
Latitude	48.71	49.35	49.71	52.15
Longitude	-125.55	-126.54	-127.66	-127.88
Effort (hr)	0.5	0.48	0.5	0.5
Net headrope temp (oC)	-	-	-125.55	9
Sardine catch (kg)	4910	446	1.14	486
Sardine catch per hour (kg/hr)	9820	922.76	2.28	972
PACIFIC SARDINE (#)	25872	2352	6	2560
PINK SALMON (#)	2	12	-	
COHO SALMON (#)	16	15	-	27
CHINOOK SALMON (#)		4	-	8

[a]From October 5 – 25, 2000, a total of 83 sets were completed off the west coast of Vancouver Island, from 55.42°N, 133.90°W to 48.08°N, 128.99°W, using a midwater rope trawl. A total of 83 sets were made in surface waters (≤ 45m), 4 of which contained sardines (Appendix 29a). Species captured along with sardines included pink, coho and chinook salmon.



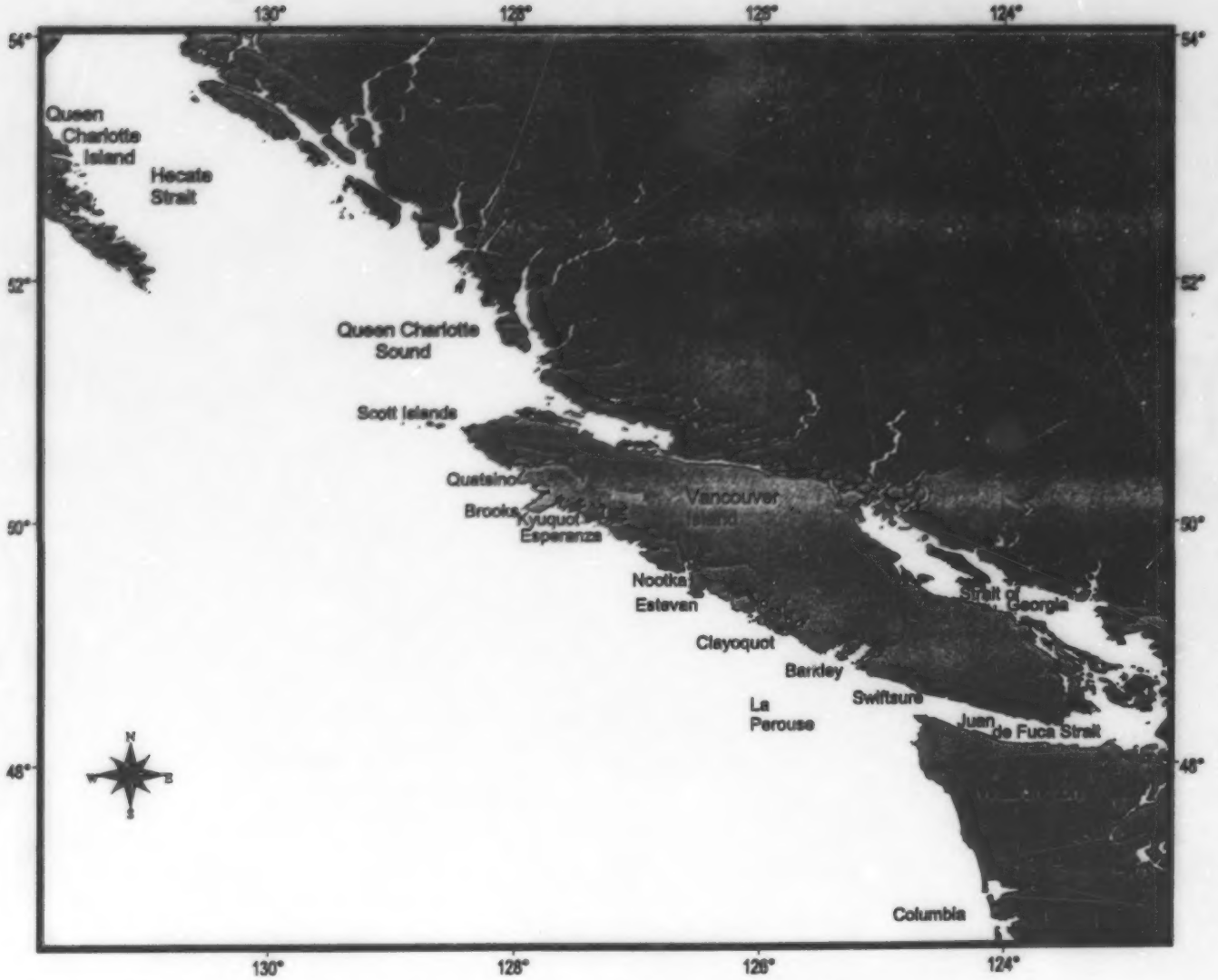
Appendix 29a. Cruise 00-D, October 5 – 25, 2000. X's represent sets at depths of 45 m or shallower, in which no sardines were captured. Numbered dots represent sets in which sardines were captured.

Appendix 29b. Length frequency data, Cruise 00-D, October 5-25, 2000.

Set#	EP01	LP02	K05	X49	Total
Length (cm)					
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-
17	-	-	-	-	-
18	-	-	-	-	-
19	-	-	-	-	-
20	-	-	-	-	-
21	-	-	-	-	-
22	-	-	-	-	-
23	2	6	-	-	8
24	18	16	-	8	42
25	19	19	2	35	75
26	7	8	3	41	59
27	2	1	0	15	18
28	1	-	1	1	3
29	-	-	-	-	0
30	-	-	-	-	-
31	-	-	-	-	-
32	-	-	-	-	-
33	-	-	-	-	-
34	-	-	-	-	-
35	-	-	-	-	-
Total			6	100	205

Appendix 30. Place names or abbreviations, and corresponding map areas for cruises, 1992 – 1999.

Placename or Abbreviation	Map location or definition
Amphitrite Pt.	Barkley
Barkley Sound	Barkley
Bonilla Pt.	Juan de Fuca Strait
Brooks Peninsula	Brooks
Cape Alava	Off Washington
Cape Beale	Barkley
Cape Lazo	Strait of Georgia
Cape Mudge	Strait of Georgia
Cape Ommaney	Alaska
Carmannah	Juan de Fuca Strait
Clayoquot	Clayoquot
Columbia	Columbia
Esperanza	Esperanza
Estevan	Estevan
Finger Bank	La Perouse
Gower Pt.	Strait of Georgia
Grey's Harbour	Columbia
Hecate Strait	Hecate Strait
Hornby	Strait of Georgia
JDF	Juan de Fuca Strait
Kyuquot	Kyuquot
La Perouse	La Perouse
NE Little River	Strait of Georgia
Neah Bay	Juan de Fuca Strait
Nootka	Nootka
North Arm	Strait of Georgia
Offshelf	Offshelf, off west coast Vancouver Island
Pillar Pt.	Juan de Fuca Strait
Pt. San Juan	Juan de Fuca Strait
QCS	Queen Charlotte Sound
Quatsino	Quatsino
SA2	La Perouse
SA3 SW corner	La Perouse
Sand Heads	Strait of Georgia
Seal Rocks	Juan de Fuca Strait
Shipwreck	Juan de Fuca Strait
Slip Pt.	Juan de Fuca Strait
Sombrio Pt.	Juan de Fuca Strait
Swiftsure	Swiftsure
Tatoosh Island	Juan de Fuca Strait
Thrasher Rock	Strait of Georgia
Triangle Island	Scott Islands
Washington	Off Washington
WCVI south	South west coast Vancouver Island
40 Mile Bank	La Perouse



Appendix 30a. Place names and locations surveyed during cruises from 1992 to 1999.